Dr. Maya Ackerman

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Positions & Education

Since 2017	**WaveAI Inc.**, *CEO and Co-founder*, San Francisco, CA.
2022-Current	**Santa Clara University**, *Associate Professor, Department of Computer Science and Engineering*, Santa Clara, CA.
2017-2022	**Santa Clara University**, *Assistant Professor, Department of Computer Science and Engineering*, Santa Clara, CA.
2016-2017	**San Jose State University**, *Assistant Professor*, San Jose, CA.
2014-2016	**Florida State University**, *Assistant Professor*, Tallahasse, FL.
2013-2014	**University of California, San Diego**, *Postdoctoral Fellow*, La Jolla, CA.
2012-2013	**Caltech**, *Postdoctoral Fellow*, Pasadena, CA.
2008-2012	**Ph.D. in Computer Science**, *University of Waterloo*, ON, Canada.
2006-2007	**M.Math in Computer Science**, *University of Waterloo*, ON, Canada.
2001-2006	**B.Math in Computer Science and Combinatorics and Optimization**, *University of Waterloo*, ON, Canada.

Generative AI Research Publications (peer-reviewed)

* represents a student co-author.

ICCC '23	Juliana Shihadeh* and M. Ackerman. What does genius look like? An Analysis of Brilliance Bias in Text-to-Imagine Models. *International Conference on Computational Creativity* (ICCC), 2023.
ICCC '23	Juliana Shihadeh* and M. Ackerman. Shattering Bias: A Path to Bridging the Gender Divide with Creative Machines. *International Conference on Computational Creativity* (ICCC), 2023.
ICCC '23	Lauryn Gayhardt*, M. Ackerman, and Lee Cheatley. Fostering Mental Well-Being through Creative Interaction: An Assessment of SOVIA. *International Conference on Computational Creativity* (ICCC), 2023.
Digital Creativity '22	Lee Cheatley, M. Ackerman, Alison Pease, Wendy Moncur. Musical Creativity Support Tools for Bereavement Support. *Digital Creativity*, 2022.
ICCC '22	Alison Pease, M. Ackerman, Nic Pease and Bernadette McFadden. A Roadmap for Therapeutic Computational Creativity. *International Conference on Computational Creativity* (ICCC), 2022.
ICCC '21	Christopher Cassion*, M. Ackerman, and Anna Jordanous. Humble Creative Machines. *International Conference on Computational Creativity* (ICCC), 2021.

ICCC '21   Kuakou Bossou* and M. Ackerman. Should Machines Evaluate Us? Opportunities and Challenges. *International Conference on Computational Creativity* (ICCC), 2021.

ICCC '21   Lauryn Gayhardt* and M. Ackerman. SOVIA: Sonification of Visual Interactive Art. *International Conference on Computational Creativity* (ICCC), 2021.

ICCC '21   Juliana Shihadeh* and M. Ackerman. MIST: "You Play, I'll Draw" *International Conference on Computational Creativity* (ICCC), 2021.

ICCC '20   Jun Chang* and M. Ackerman. A Climate Change Educational Creator. *International Conference on Computational Creativity* (ICCC), 2020.

ICCC '20   Juliana Shihadeh* and M. Ackerman. EMILY: An Emily Dickinson Machine. *International Conference on Computational Creativity* (ICCC), 2020.

NGC '20   Rafael Perez y Perez and M. Ackerman. Towards a Methodology for Field Work in Computational Creativity. *New Generation Computing*, 2020.

ICCC '20   Lee Cheatley, M. Ackerman, Alison Pease, Wendy Moncur. Co-Creative Songwriting for Bereavement Support. *International Conference on Computational Creativity* (ICCC), 2020.

ICCC '19   Rachel Goldstein*, Andy Vainauskas*, M. Ackerman, Robert Keller. Brain-Controlled Musical Improvisation. *International Conference on Computational Creativity* (ICCC), 2019.

ICCC '19   M. Ackerman and Rafael Perez y Perez. Field Work in Computational Creativity. *International Conference on Computational Creativity* (ICCC), 2019.

CSR '19   Hugo Oliveira, Tiago Mendes, Ana Boavida, Ai Nakamura*, and M. Ackerman. CoPoeTryMe: Interactive Poetry Generation. *Cognitive Systems Research*, 2019.

ICCC '17   Divya Singh*, M. Ackerman, and Rafael Perez y Perez. A Ballad of the Mexicas: Automated Lyrical Narrative Writing. *International Conference on Computational Creativity* (ICCC), 2017.

ICCC '17   M. Ackerman, Ashok Goel, Colin Johnson, Anna Jordanous, Carlos Leon, Rafael Perez y Perez, Hannu Toivonen, and Dan Ventura. Teaching Computational Creativity. *International Conference on Computational Creativity* (ICCC), 2017. **Runner-up Best Paper Award.**

EvoMUSART '17   M. Ackerman and David Loker. Algorithmic Songwriting with ALYSIA. *The International Conference on Computational Intelligence in Music, Sound, Art and Design* (EvoMUSART), 2017.

ICCC '16   Taylor Brockhoeft*, Jennifer Petuch*, James Bach*, Emil Djerekarov*, M. Ackerman and Gary Tyson. Interactive Projections for Dance Performance. *International Conference on Computational Creativity* (ICCC), 2016.

MUME '19   Andreas Adolfsson*, Jon Bernal*, M. Ackerman, and Julia Scott. Musical Mandala Mindfulness: A Generative Biofeedback Experience *Musical MetaCreation* (MuMe), 2019.

MUME '17   Christopher Cassion, M. Ackerman, David Loker. and Joshua Palkki. With Bolts of Melody! Songwriting with ALYSIA & Emily Dickinson. *International Workshop on Musical Metacreation.* (MUME), 2017.

Machine Learning Research Publications (peer-reviewed)

Pattern Rec. '21	M. Ackerman, Shai Ben-David, Simina Branzei, David Loker. Weighted Clustering: Towards Solving the User's Dilemma. *Pattern Recognition*, 2019.
Pattern Rec. '19	Andreas Adolfsson*, M. Ackerman, and Naomi Brownstein. To Cluster, or Not to Cluster: How to Answer the Question. *Pattern Recognition*, 2019.
DATA BRIEF '19	Naomi Brownstein, Andress Adolfsson*, and M. Ackerman. Descriptive Statistics and Visualization of Data from the R Datasets Package with Implications for Clusterability. Data Brief, 2019.
ICCC '18	M. Ackerman, James Morgan, and Christopher Cassion*. Co-Creative Conceptual Art. *International Conference on Computational Creativity* (ICCC), 2018.
SDM '17	Amit Dhurandhar, M. Ackerman, and Xiang Wang. Uncovering Group Level Insights with Accordant Clustering. *SIAM International Conference on Data Mining* (SDM), 2017.
ICDM '16	Jarrod Moore* and M. Ackerman. Foundations of Perturbation Robust Clustering. *IEEE International Conference on Data Mining* (ICDM), 2017.
JMLR '16	M. Ackerman and Shai Ben-David. A Characterization of Linkage-Based Hierarchical Clustering. *Journal of Machine Learning Research* (JMLR), 2016.
NIPS '14	M. Ackerman and Sanjoy Dasgupta. Incremental Clustering: The Case for Extra Clusters. *Neural Information Processing Systems Conference* (NIPS), 2014.
IJBRA '14	M. Ackerman, Dan Brown, and David Loker. Effects of Rooting via Outgroups on Ingroup Topology in Phylogeny. International Journal of Bioinformatics Research and Application (IJBRA), 2014.
AISTATS '13	M. Ackerman, Shai Ben-David, David Loker and Sivan Sabato. Clustering Oligarchies. Proceedings of the Twelfth International Conference on Artificial Intelligence and Statistics (AISTATS), 2013.
AAAI '12	M. Ackerman, Shai Ben-David, Simina Branzei, and David Loker. Weighted Clustering. *Association for the Advancement of Artificial Intelligence Conference* (AAAI), 2012.
ICCABS '12	M. Ackerman, Dan Brown, and David Loker. Effects of Rooting via Outgroups on Ingroup Topology in Phylogeny. *IEEE International Conference on Computational Advances in Bio and Medical Sciences* (ICCABS), 2012.
IJCAI '11	M. Ackerman and Shai Ben-David. Discerning Linkage-Based Algorithms Among Hierarchical Clustering Methods. *International Joint Conference on Artificial Intelligence* (IJCAI oral), 2011.
NIPS '10	M. Ackerman, Shai Ben-David, and David Loker. Towards Property-Based Classification of Clustering Paradigms. *Neural Information Processing Systems* (NIPS), 2010.
COLT '10	M. Ackerman, Shai Ben-David, and David Loker. Characterization of Linkage-Based Clustering. *Conference on Learning Theory* (COLT), 2010.
AISTATS '09	M. Ackerman and Shai Ben-David. Clusterability: A Theoretical Study. *Proceedings of the Twelfth International Conference on Artificial Intelligence and Statistics* (AISTATS oral), JMLR: &CP 5, pp. 1-8, 2009.

NIPS '08	M. Ackerman and Shai Ben-David. Measures of Clustering Quality: A Working Set of Axioms for Clustering. *Full oral presentation at the Neural Information Processing Systems conference* (NIPS), 2008. (**Acceptance rate: 2.7%**).

Other Computing Publications (peer-reviewed)

IEEE GHTC '22	Juliana Shihadeh*, M. Ackerman, Ashley Troske*, Nicole Lawson*, and Edith Gonzalez*. Brilliance Bias in GPT-3. *IEEE Global Humanitarian Technology Conference* (IEEE GHTC), 2022.
INTETAIN '20	Christopher Cassion*, Yuhang Qian*, Constant Bossou*, and M. Ackerman. Investors Embrace Gender Diversity, Not Female CEOs: The Role of Gender in Startup Fundraising. *EAI International Conference on Intelligent Technologies for Interactive Entertainment*, 2020.
JAAMAS '16	M. Ackerman and Simina Branzei. Authorship Order: Alphabetical or Contribution? *Journal of Autonomous Agents and Multi-Agent Systems* (JAAMAS), 2016.
AAMAS '14	M. Ackerman and Simina Branzei. Authorship Order: Alphabetical or Contribution? Autonomous Agents and Multiagent Systems (AAMAS), 2014.
ACM RECSYS '13	Hossein Vahabi, M. Ackerman, David Loker, Ricardo Baeza-Yates and Alejandro Lopez-Ortiz. Orthogonal Query Recommendation. ACM Conference on Recommender Systems (ACM RECSYS), 2013.
COGSCI '12	Joshua Lewis, M. Ackerman, and Virginia De Sa. Human Cluster Evaluation and Formal Quality Measures. *Proc. 34th Annual Conference of the Cognitive Science Society*, 2012.
TCS '09	M. Ackerman and Jeffrey Shallit. Efficient Enumeration of Words in Regular Languages. Theoretical Computer Science, Volume 410, Issue 37, pp. 3461-3470, 2009.
CIAA '07	M. Ackerman and Jeffrey Shallit. Efficient enumeration of regular languages. Conference on Implementation and Application of Automata (CIAA), *Lecture Notes in Computer Science*, 4783, Springer-Verlag, Berlin Heidelberg, pp. 226-241, 2007.
GHC '11	M. Ackerman. Towards Theoretical Foundations of Clustering. *Grace Hopper Conference* (GHC), 2011.
NIPS '09	M. Ackerman, Shai Ben-David, and David Loker. Characterization of Linkage-Based Clustering. *Neural Information Processing Systems* workshop, 2009.

Invited Talks

Northeastern	Generative AI and human creativity: What now? Northeastern University. Distinguished Speaker Seminar. Online event, 2023.
Windsor	Generative AI and human creativity: What now? University of Windsor. Online event, 2023.
Capital Club	Machines vs. Minds: Navigating the Future of Generative AI. Silicon Valley Capital Club. San Jose, 2023.
Rotary Club	Machines vs. Minds: Navigating the Future of Generative AI. Silicon Valley Capital Club. San Jose, 2023.

SBGI	Machines vs. Minds: Navigating the Future of Generative AI. South Bay Generative AI. Sunnyvale, CA. 2023
Sorviev	Will AI write the lyrics to tomorrow's hits? Sorviev Conference. Kristiansand, Norway. ***Keynote talk.*** 2023.
K1st '23	Machines vs. Minds: Navigating the Future of Generative AI. K1st World Symposium. Stanford, 2023.
CUCAI '22	Creative Machines: Academia to Industry. The Canadian Undergraduate Conference on AI. ***Keynote talk.*** Online event, 2022.
IEEE GHTC '22	Does Gender Impact Startup Funding Success? A Data-Driven Perspective. IEEE Global Humanitarian Technology Conference. ***Keynote talk.*** Santa Clara, CA. 2022.
UofTAI '22	Creative Machines. UofT AI, University of Toronto. Online event, 2022.
USC '22	Commercializing Creative Systems. University of Southern California, MBA program. Online event, 2021, 2022.
IUI '21	Commercializing Creative Systems - Opportunities and Challenges. IUI Workshop on AI-Human Co-creation with Generative Models. ***Keynote talk.*** Online event, 2021.
Microsoft '21	Musical AI Landscape & Opportunities in Gaming. Microsoft AI and Gaming Research Summit. Online event. 2021.
Oracle '21	Musical AI: Generative Tools Landscape. Oracle. Online event. 2021.
GTC '21	Unleash Your Inner Lyricist. NVIDIA GPU Technology Conference. 2021
Karajan '20	Creative Collaboration with AI. Karajan Music Tech Conference. Online event. 2020.
PMA Academy '20	Musical AI: Present and Future. Online event. 2020.
Northwestern '19	Machines as Creative Partners. Northwestern University. Evenstone, IL. 2019.
UCSD '19	Musical AI. UC San Diego. San Diego, CA. 2019.
SRJC '19	Machines as Creative Partners. Santa Rosa Junior College. Santa Rosa, CA. 2019.
UN '19	Musical AI. United Nations AI for Good Summit. Geneva, Switzerland, 2019.
SFAI '19	Computational Creativity. San Francisco Art Institute. San Francisco, CA, 2019.
ISW '19	Introducing ALYSIA: Your AI-Based Songwriting Partner. *If So, What?* (Computing and art event). San Francisco, CA, 2019.
Normale Superieure '18	Foundations of Cluster Analysis. Workshop on Collective Opinions. Ecole Normale Superieure. Paris, France, 2018.
Afeka '18	Foundations of Cluster Analysis. ***Keynote talk.*** Afeka Tel Aviv Academic College of Engineering. Tel Aviv, Israel, 2018.
Stanford '18	Can Computers Be Creative? Last Festival. SLAC National Accelerator Laboratory. Menlo Park, CA, 2018.

World's Fair '18	The Future of Music. World's Fair Nano. San Francisco, CA, 2018.
Harvey Mud College '17	Artificial Intelligence that Composes Music. Claremont, CA, 2017.
Stanford '17	Algorithmic Songwriting. Stanford University, CCRMA. Stanford, CA, 2017.
Sonoma State University '17	Algorithmic Songwriting. Sonoma State University. Claremont, CA, 2017.
Google '17	Algorithmic Songwriting. Google Magenta. Mountain View, CA, 2017.
Stanford '17	Computational Creativity: Can Computers Be Creative? LASER series. 10/5/17.
LASER '17	Composed by an Artificial Intelligence. LASER Talks San Jose, CA, 2017.
Ericsson '17	Algorithmic Songwriting. Ericsson. Santa Clara, CA, 2017.
PASEO '17	World Premiere of ALYSIA's Compositions. PASEO festival. Hammer Theater. San Jose, CA. 2017.
IBM '17	Formal Foundations of Clustering. IBM TJ Watson Research Center, 2017.
IFCS '15	Progress and Open Problems in Clustering. *Conference of the International Federation of Classification Societies* (IFCS). Bologna, Italy, 2015.
Purdue '14	Theoretical Foundations of Clustering. *Purdue University*. West Lafayette, IN, 2014.
CMU '13	Characterization of Linkage-Based Clustering. *Carnegie Mellon University*. Pittsburgh, PA. 2013.
eHarmony '13	Formal Foundations of Clustering. *eHarmony*. Santa Monica, CA, 2013.
ID Analytics '13	Formal Foundations of Clustering. *ID Analytics*. San Diego, CA, 2013.
ITA '13	Towards Theoretical Foundations of Clustering. Information Theory and Applications Workshop. La Jolla, CA, 2013.
UCSD '12	Weighted Clustering. University of California, San Diego. La Jolla, CA, 2012.
Caltech '12	Towards Theoretical Foundations of Clustering. Caltech. Pasadena, CA, 2012.
Columbia '12	Towards Theoretical Foundations of Clustering. Columbia University. New York, NY, 2012.
Berkeley '11	On Theoretical Foundations of Clustering. University of California, Berkeley. Berkeley, CA, 2011.
UCSD '10	Characterization of Linkage-Based Algorithms. University of California, San Diego. La Jolla, CA, 2010.

Invited Panels

ASCAP '23	How Creators Are Unlocking the Potential of AI. ASCAP AI Symposium. New York, 2023.
Markkula '23	What does it mean to be human in the time on AI? Markkula Center for Applied Ethics. Santa Clara, 2023.
MT '23	How AI is Transforming Music. Music Tectonics. Santa Monica, 2023.

ICCC '23	How AI is Transforming Music. Creative Machines Unleashed: Perspectives from Industry, Academia, Venture & Ethics. International Conference on Computational Creativity. Waterloo, CA, 2023.
SVCN	Ethical Panel. Silicon Valley Council of Nonprofits Summit. May 2023.
GTC '23	Change the World with a Career in AI. NVIDIA GTC. Remote event, 2023
AVV '23	How Generative Artificial Intelligence Will Change the Startups of Tomorrow. Ascend Vietnam Ventures. Jan 2023.
ODSC	ODSC Generative AI Summit: Go Beyond The Hype. Open Data Science Conference. Virtual event. July 2023.
AES '22	The Future of Music in the Age of Generative AI. Audio Engineering Society Convention. Remote event. Oct 2022.
NAMM '22	Artificial Intelligence, Artificial Creativity and their impact on music and content creation: Deep Dive Data Analysis. The NAMM Show, 2022.
MONDO '21	Impact of AI in Music. MONDO NYC. New York, 2021.
A3E '21	AI and Artificial Creativity. A3E. Remote event, 2021.
ACGSV '21	Gender & Racial Bias in VC. ACG Silicon Valley. Remote event, 2021.
RightsCon '21	Venture Capital panel. RightsCon Summit. Remote event, 2021.
ICCC '21	Opportunities and Challenges in Computational Creativity. International Conference on Computational Creativity. Remove event, 2021.
AES '20	AI and the Audio & Music Professional. Audio Engineering Society. Remote event, 2020.
AES '20	ML Symposium industry panel. Audio Engineering Society. Remote event, 2020.
Hosfelt Gallary '19	Robots: Art and Machine. San Francisco, CA, 2019.
SJICA '19	Robots: Art and Machine. San Jose Institute of Contemporary Art. San Jose, CA, 2019.
PARC '18	The Cutting Edge of Artificial Intelligence. Palo Alto, CA, 2018.
SCU '18	Machines and Minds. Santa Clara University. Santa Clara, CA, 2018.
SYNC '17	AI: From Research to Application. US China AI Summit (SYNC). Mountain View, CA, 2017.
LAST '17	AI & Creativity. LAST Festival. San Jose, CA, 2017.

Popular Press

Backstage	AI Can't Replace Artists—But Here's How Artists Can Use AI. Backstage. August 2023.
CGTV	Will AI change the music industry? China Global Television Network. July 2023.
FORBES	How Musicians Are Fashioning Creativity with AI. *FORBES*. Jan 2023.
bizwomen	WaveAI CEO Maya Ackerman takes on 'Heart on My Sleeve' and impact of AI-generated music. Bizwomen the Business Juournal. Jun 2023

Business Insider	13 Innovating Music Startups Building AI Tools. Business Insider. April 2023.
Luckbox	AI Imitates Art. Luckbox Magazine. April 2023.
Authority	The Future Is Now: Dr Maya Ackerman On How WaveAI's Technological Innovation Will Shake Up The Tech Scene. Authority Magazine. Feb 2023.
VentureBeat	The real opportunity in creative AI: Deepening human creativity. *VentureBeat*, 2022.
FORBES	CEO Gender 'Primary Determining Factor' To Get Funded: 48,000-Company Study. *FORBES*. February, 2021.
dot.LA	Harri Weber. Eye-Popping Valuations, Mega-Deals. VCs Are Flush with Cash, But Funding Mostly Male-Led Startups. dot.LA. October, 2021.
PNAS	Science and Culture: Computers take art in new directions, challenging the meaning of "creativity". *Proceedings of the National Academy of Sciences of the United States of America.* March 2019.
Liberation	Song of the Day. *Liberation Magazine (France)*. November 2019.
Songwriting	Song Deconstructed: 'Is This Real' by Diagrams. *Songwriting Magazine*. November 2019.
ITU News	Artificial Intelligence: the music industry's newest producer. *ITU News Magazine.* May 2019
Silicon Republic	Machine learning could make my musical dreams come true. *Silicon Republic.* February 2019
Interesting Engineering	3 Start-ups Leading the Musical AI Revolution. *Interesting Engineering.* November 2018
NBC News	Machine-Made Melodies: How Humans Are Creating Artistic Partnerships with AI. *NBC News.* Dec 2016.
Musically	WaveAI launches its Alysia app as an AI 'singer-songwriter'. *Musically*. January 2019.
Technica Curiosa	How Artificial Intelligence is Empowering Aspiring Musicians. *Technica Curiosa*. 2019.
iNews	This folk song was partly written by a computer — but musicians aren't becoming obsolete just yet. *iNews*. December 2019.
Forbes	The Startup Conference: Where Global Entrepreneurs Learn From Successful Silicon Valley Founders. *Forbes.* May 2018.
DJ Mag	AI created the lyrics and melody to this three-track EP. *DJ Mag Magazine*. October 2018.
Loudest	Recording Academy Grammy Awards. ALYSIA - An app that allows you to write your own songs using AI. *Loudest.* October 2018.
TechWorld	These AI startups are creating chart-worthy music with algorithms. *TechWorld*. December 2018.
The Sociable	Can a robot write a symphony? – The blossoming artistic talent of modern day AI. *The Sociable*. December 2018.

Meeting Market	The Future of AI in a World of Irreplaceable Human Characteristics. *Meeting Market. December 2018.*
Palo Alto News	Algorithm and rhyme. *Palo Alto News*. April 2017.
New Scientist	Machine learning lets computer create melodies to fit any lyrics. *New Scientist*. Dec 2016.

Television/Radio/Podcast Interviews

MBW	As ChatGPT Sets the Internet Aflame, Will AI Write The Lyrics of Tommorw's Hits? Music Business Worldwide Podcast, 2023.
NPR	NPR's AirTalk: Students & AI. *AirTalk with Larry Mantle*. October 2022.
SiriusXM	The Fundraising Gap. Interview with Randi Zuckerberg. *Randi Means Business* on SiriusXM. January 2022.
NVIDIA	Sing It, Sister! Maya Ackerman on LyricStudio, an AI-Based Writing Assistant. *The AI Podcast by NVIDIA*. October 2021.
MR411	Writing Lyrics with AI. *Music Row 411*, Remote Event. July 2021.
Line of Sight	WaveAI with Dr. Maya Ackerman. *Line of Sight Podcast*, Santa Clara University. November 2020.
Brain Byte Back	Who takes ownership of art created by AI. *Brain Byte Back Podcast*. July 2020.
Current Times	Robot composer ALYSIA composes music no worse than humans *Current Times*. Febuary 2018.
Simulation	AI Songwriting & Computational Creativity *Simulation*. May 2018.
SVS	Advice From a Successful Startup Founder *Silicon Valley Success*. October 2018.
Women in Tech	Computational Creativity with Maya Ackerman. *The Women in Tech Show*. July 2018.
CGTN America	Artificial intelligence program composes music. *CGTN America*. August 2017.
WTXL TV	FSU Mobile Lab Shines a Spotlight on Dance. *WTXL TV ABC 27*. April 2016.

Santa Clara University Press

Markkula Center	Creative Machines: The Rise of Generative AI and its Impact on Human Creativity. Markkula Center for Applied Ethics. Ethics Spotlight. February 2023.
Feature Stories	Can AI Be Sexist? Feature Stories. Santa Clara University. September, 2022.
School of Engineering	Bias in Venture Capital. Lightning Talk. October 2021.
Illuminate	Bias in Venture Capital. *Illuminate*. Santa Clara University. February 2021.
School of Engineering	Closing the Gender Gap in VC Funding. *Santa Clara University, School of Engineering*. February 2021.

Santa Clara Magazine	Adam, Eve, and the Apple of Intelligence. *Santa Clara Magazine.* November 2019.
Voices of Santa Clara	Maya Ackerman: ALYSIA the Songwriting Computer. *Voices of Santa Clara.* 2019.
The Santa Clara	The Ethics of a Potentially Artificial Future. *The Santa Clara.* Artificial Future. April 2019

Teaching Experience

2023	**Computational Creativity (Graduate)**, *Santa Clara University.*
2023	**Generative Art (Graduate)**, *Santa Clara University.*
2022	**Abstract Data Types and Structures (Undergraduate)**, *Santa Clara University.*
2022	**Human-Computer Creativity (Graduate)**, *Santa Clara University.*
2022	**Computational Creativity (Graduate)**, *Santa Clara University.*
2021	**Artificial Intelligence (Senior undergraduate)**, *Santa Clara University.*
2021	**Computational Creativity (Graduate)**, *Santa Clara University.*
2020	**Artificial Intelligence (Senior undergraduate)**, *Santa Clara University.*
2020	**Human-Machine Creativity (Graduate)**, *Santa Clara University.*
2020	**Abstract Data Types and Structures (Undergraduate)**, *Santa Clara University.*
2019	**Computational Creativity (Graduate)**, *Santa Clara University.*
2019	**Artificial Intelligence (Senior undergraduate)**, *Santa Clara University.*
2019	**Computational Creativity (Graduate)**, *Santa Clara University.*
2018	**Abstract Data Types and Structures (Undergraduate)**, *Santa Clara University.*
2018	**Machine Learning (Graduate)**, *Santa Clara University.*
2018	**Artificial Intelligence (Senior undergraduate)**, *Santa Clara University.*
2017	**Machine Learning (Graduate)**, *Santa Clara University.*
2017	**Computational Creativity (Undergraduate)**, *San Jose State University.*
2016	**Computational Creativity (Graduate)**, *San Jose State University.*
2016	**Data Structures and Algorithms (Undergraduate)**, *San Jose State University.*
2016	**Computational Creativity (Graduate)**, *Florida State University.*
2015	**Algorithm Design and Analysis (Senior undergraduate)**, *Florida State University.*
2015	**Clustering: Bridging Theory and Practice (Graduate)**, *Florida State University.*
2014	**Algorithm Design and Analysis (Senior undergraduate)**, *Florida State University.*
2011	**Theory of Computation (Senior undergraduate)**, *University of Waterloo.*

Service to Research Community

○ Program Chair. The International Conference on Computational Creativity, 2023.

○ Steering Committee of the International Association on Computational Creativity (2020-2023)

○ Journal of Computational Creativity (Associate Editor)

○ Organized a tutorial on Therapeutic Computational Creativity in collaboration with Alison Pease. International Conference on Computational Creativity, 2022.

○ Organized a tutorial on Therapeutic Computational Creativity in collaboration with research psychologist Galen Buckwalter. International Conference on Computational Creativity, 2021.

○ Neural Information Processing Systems (NeuRIPS) (program committee member)

○ International Conference on Computational Creativity (ICCC) (program committee member).

○ International Conference on Machine Learning (ICML) (program committee member).

○ Artificial Intelligence and Statistics Conference (AISTATS) (program committee member).

○ ACM SIGKDD Conference on Knowledge Discovery and Data Mining (program committee member).

○ International Conference on Data Mining (ICDM) (program committee member).

○ Journal of Machine Learning Research (reviewed publications).

○ Journal of Pattern Recognition (reviewed publications).

○ Springer Machine Learning Journal (reviewed publications).

○ New Generation Computing (reviewed publications).

○ Journal of Classification (reviewed publications).

○ Journal of Universal Computer Science (reviewed publications).

○ IEEE Transactions on Pattern Analysis and Machine Intelligence (reviewed publications).

○ IEEE Transactions on Information Theory (reviewed publications)

○ Transactions on Knowledge and Data Engineering (reviewed publications).

○ Advances in Data Analysis and Classification (reviewed publications).

○ Computational Creativity Symposium at AISB (reviewed publications).

○ Co-organised a NIPS workshop on principled approaches to clustering, 2009.

Web Profiles

○ Google Scholar:
https://scholar.google.com/citations?user=OK4-DgcAAAAJ&hl=en

○ Wikipedia: https://en.wikipedia.org/wiki/Maya_Ackerman