

UCSB CE and CS Undergraduate Advising, Fall 2025

Sanjukta Krishnagopal

Sanjukta is an Assistant Professor in the Department of Computer Science. Sanjukta's research interests are multidisciplinary, with the goal of developing computational and mathematical tools to answer questions about real world physical, social, and biological systems. She received her PhD from the University of Maryland, College Park. She was a UC Presidential postdoc with a joint appointment at UC Berkeley and UCLA. She enjoys traveling and has lived on four continents. In her free time she enjoys dance, art, hiking, and attempting to climb mountains.

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Nabeel Nasir

Dr. Nabeel Nasir is an Assistant Teaching Professor in the Department of Computer Science at the University of California, Santa Barbara. He received his PhD in Computer Science from the University of Virginia in 2024. Before his PhD, he worked as an Android Developer at Adobe for the Lightroom and Photoshop Mix teams. He also worked as a Software Developer for an IoT startup, EnLite Research, developing solutions to reduce energy consumption in office spaces. He is passionate about teaching and broadening participation in Computer Science, and supporting undergraduate research in Cyber Physical Systems and CS Education.



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Ziad Matni

Ziad Matni is an Assistant Teaching Professor in Computer Science. He received his PhD in Information Science from Rutgers University, where he also taught as an adjunct faculty member before joining UCSB. Before his work in academia, he held multiple engineering and management positions in the semiconductor, computer systems, and data communication industry for over a decade. He engages in research in CS education, computational social science, and in data & information science. He currently directs the Early Research Scholars Program (ERSP) at UCSB and co-directs the CS Undergraduate Learning Assistant Program.

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Maryam Majedi

Dr. Maryam Majedi joined the Department of Computer Science at the University of California, Santa Barbara, as an Assistant Teaching Professor in 2023. Dr. Majedi's research primarily revolves around Embedded Ethics and Data Privacy. She explores the intersection of computer science and ethical considerations, aiming to develop modules that facilitate the integration of ethics and data privacy principles into computer science education.

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James Preiss

James A. Preiss is an Assistant Professor of Computer Science at the University of California, Santa Barbara. He received a Ph.D. in Computer Science from the University of Southern California. Before joining UCSB, he was a postdoctoral scholar in Computing + Mathematical Sciences at the California Institute of Technology. James has made contributions to a broad spectrum of topics in robotics, including control, learning, motion planning, and software platforms.



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Murphy Niu

Murphy Yuezhen Niu is an Assistant Professor and Stansbury Chair in Computer Science at UCSB since 2024. Previously, she was a senior research scientist in the Google Quantum AI team, where her work focused on intelligent quantum control optimization and metrology, quantum machine learning, quantum algorithm design and near-term quantum error correction. Niu received her doctorate in theoretical and mathematical physics from MIT in 2018. She received the Claude E. Shannon Research Assistantship for her work at the intersection of photonic quantum computation, quantum error correction and quantum cryptography. Professor Niu's long-term research goal is to develop quantum computing paradigms in regard to how we program, control, characterize, measure, and error correct a large-scale quantum computer without paying the steep price of digitization towards real-world impacts. Niu applies cutting-edge deep reinforcement learning and generative



models to quantum control, quantum circuit compilation, and quantum system learning using some of the largest quantum computers based on superconducting qubits. Her recent research focus on developing scalable analog quantum control and algorithms for emerging quantum architectures with superconducting, ion trap, photonic, and neutral atom qubits.

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Jianwen Su

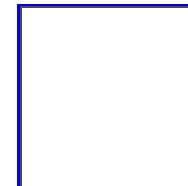
Jianwen Su is a Professor in Computer Science. He received his PhD from the University of Southern California before joining the UCSB CS department in 1990. His research interests include database systems, services computing, and business process management. He is a member of the ACM and IEEE and has served or serves on committees of several conferences and journals.

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Diba Mirza

Diba Mirza is a Teaching Professor in the Department of Computer Science. She received her Ph.D. in Computer Engineering from the UC San Diego and joined the Computer Science department at UCSB in 2017. She worked as a post-doc on interdisciplinary projects in the department of Computer Science and the Scripps Institution of Oceanography at UC San Diego, where she developed underwater robotic swarms that can help scientists learn more about the ocean. She has directed the Early Research Scholars Program (ERSP) from 2018 to 2022, which is designed to support students in their first research experience.



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Tim Sherwood

Tim Sherwood is a Professor in the Department of Computer Science and Dean of the College of Creative Studies. Professor Sherwood joined the CS Department in 2003. He is a co-founder of Tortuga Logic. Professor Sherwood works on all manner of computer science and engineering problems from the perspective of how to better "shape" computers to address our needs (e.g. to be more secure or amenable to machine learning).

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Phillip Conrad

Phill Conrad joined the faculty of the CS Department in January 2008, and in July 2012 was promoted to Lecturer (SOE), a career-oriented position focusing on undergraduate education. Dr. Conrad's focus is the lower-division curriculum, however he often teaches CS156, the project-oriented course in Java and Javascript.



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Rich Wolski

Rich Wolski is a Professor in the Department of Computer Science and co-founder of Eucalyptus Systems Inc. Professor Wolski joined the department in 2001. His Ph.D. degree is from the University of California at Davis. Professor Wolski has led several national scale research efforts in the area of distributed systems and is the progenitor of the Eucalyptus open source cloud project. His research explores ways in which the ubiquitous proliferation of high-performance network connectivity can be used to foster new distributed computing capabilities and systems.

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Chandra Krintz

Chandra Krintz is a Professor in Computer Science. She received her Ph.D. from UC San Diego before joining the UCSB CS Department in 2001. She co-directs the Lab for Research on Adaptive Computing Environments (RACELab) and previously worked at AppScale. Her research interests include AI systems for the Internet of Things (IoT), Programming Systems, cloud computing and services, distributed systems and edge computing, embedded systems, and digital agriculture and technology.



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Ben Hardekopf

Ben Hardekopf is an Associate Professor of Computer Science at the University of California, Santa Barbara, where he leads the Programming Languages Research Laboratory. Professor Hardekopf's main research area is Programming Languages, investigating programming language design, analysis, and implementation.

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Amr El Abbadi

Amr El Abbadi is a Professor in the Department of Computer Science. Professor El Abbadi joined the Department in 1987. His Ph.D. is from Cornell University. His research interests include: Fault-tolerant distributed systems; Distributed Databases, Operating Systems, Cloud, and Social Networks. He is also the faculty advisor for the class of 2019.

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Tobias Höllerer

Tobias Höllerer is a Professor in the Department of Computer Science. Professor Höllerer joined the Department in 2002. His Ph.D. is from Columbia University. His research interests include: Human computer interaction; computer graphics; virtual and augmented reality; wearable and ubiquitous computing. Professor Höllerer is the faculty advisor for the class of 2022.

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Tao Yang

Dr. Tao Yang is a Professor in the Department of Computer Science. Dr. Yang joined the Department of Computer Science at UCSB in 1993. His research has been in the areas of parallel and distributed systems, web search/mining, and high performance computing with over 100 refereed papers and patents. His recent research is in the fields of web data mining and search, and cloud systems.

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Yuheng Bu

Dr. Bu is an Assistant Professor in the Department of Computer Science. He joined the Department of Computer Science at UCSB in 2025. His research lies in the intersection of machine learning, information theory, and signal processing. He leverages the tools from information theory and statistical signal processing to foundational machine-learning problems to develop theoretically justified algorithms for diverse applications, including watermarking generative AI, fair machine learning, uncertainty quantification, and model compression.

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