

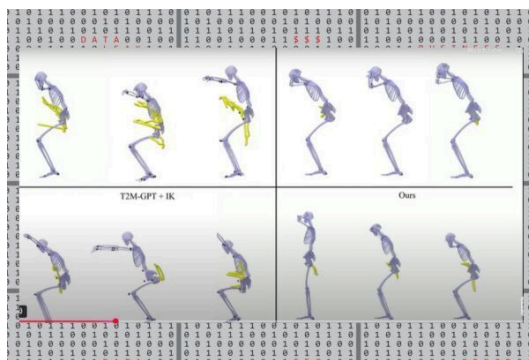


AROUND CSE

News and highlights from your Computer Science and Engineering Department at the University of California San Diego

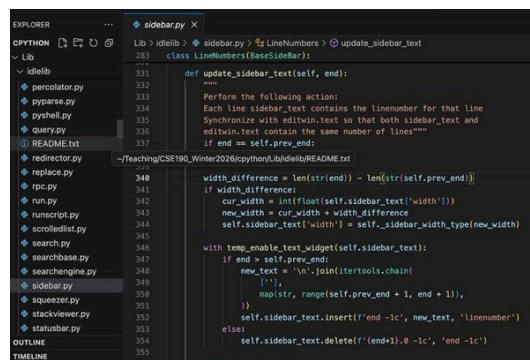
CSE Newsletter | Winter 2026

CSE NEWS



Generative AI Can Help Athletes Avoid Injuries

Researchers at UC San Diego, including CSE Professor **Rose Yu**, developed an AI model that generates the best motions for athletes to train and rehab after injury. The model is believed to be the first to combine generative AI with realistic biomechanics. [Read More](#)



Teaching Students the Limits of GenAI Programming Tools

A study by computer science educators – including CSE professors **Bill Griswold**, **Leo Porter**, and **Gerald Soosairaj** – examined the degree of trust students place in generative AI programming tools and the implications that has on learning computing skills. [Read More](#)



CSE's PACE Program Builds Community with Computing

Under the leadership of Professor Mia Minnes and with help from the CSE Alumni Advisory Board, CSE's innovative Peer-Led Academic Cohort Experiences (PACE) program is addressing the challenge of poor student engagement with campus culture and each other. [Read More](#)



CSE Professor Trevor Bonjour Charts a Course for Responsible AI

A growing cohort of forward-thinking academics, including **Trevor Bonjour**, a new CSE assistant teaching professor, are shaping the future of AI education with evidence-based approaches that enhance student learning. [Read More](#)



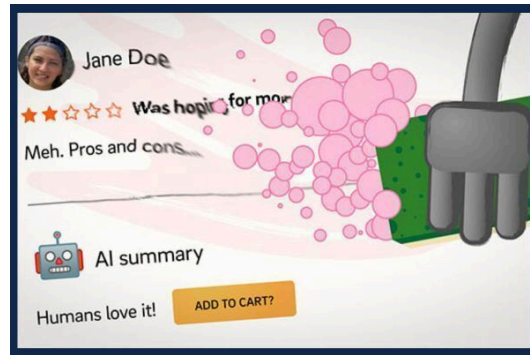
Strengthening U.S. Semiconductor Innovation and Workforce

Distinguished Professor **Andrew B. Kahng** is driving innovation in semiconductor ecosystems. He is part of several national initiatives in chip design education and research. [Read More](#)



From Pong to PlayStation: Using Gaming to Teach Computer Science

A new seminar for first-year students – taught and created by Associate Teaching Professor **Niema Moshiri** – uses video games to highlight concepts related to performance, memory, and the differences between central and graphics processing units. [Read More](#)



How Much Does Chatbot Bias Influence Users? A Lot, It Turns Out

Cognitive biases introduced by large language models heavily influence buying decisions. According to a study by CSE student **Abeer Alessa** and Professor **Julian McAuley**, customers are 32% more likely to buy a product after reading a chatbot review. [Read More](#)

The Jacobs School of Engineering Honors CSE Faculty

2024-25 Best Teacher Awards



Sicun Gao

Best Undergraduate Teacher
of the Year



Imani Munyaka

Outstanding Graduate
Student Mentoring



Niema Moshiri

Outstanding Teaching
Innovation

[Read More](#)

NOTEWORTHY



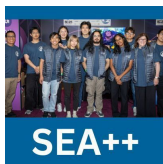
UC San Diego's new AI major, based in the CSE department, grabbed headlines in a [New York Times article](#) and a Southern California [Spectrum News article](#).



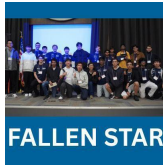
CSE Professor **Yoav Freund** and co-authors **Peter Auer**, **Nicoló Cesa-Bianchi**, and **Robert Schapire** received the [2025 FOCS Test of Time Award](#) for their 1995 paper, “Gambling in a rigged casino: The adversarial multi-armed bandit problem.”



Congratulations to **Gonzalo Allen-Perez**, **Manu Bhat**, **David Brin**, **Yen-Ru (Rebecca) Chen**, **Anya Chernova**, and **Ayushmaan Puri** who earned honorable mentions for the [2025-2026 CRA Outstanding Undergraduate Researcher Awards](#). The CRA program recognizes undergraduate students who show outstanding potential in an area of computing research.

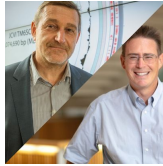


Team Sea++ – including CSE's **Ryan Estanislao** and **Gauri Renjith** – applied theoretical knowledge to design, build, and optimize a small supercomputing cluster, earning a top spot at the 2025 Student Cluster Competition in St. Louis. [Read More](#)



FALLEN STAR

UC San Diego teams excelled at the ICPC Southern California Regional Contest. Fallen Star (**Manu Bhat**, **Dixian Chen**, and **Ethan Kim**) achieved an outstanding 2nd place finish, securing a spot at the ICPC North America Championship. Warren Bear and Tapioca Express took 6th and 8th place.



UC San Diego has been recognized on Clarivate's 2025 Highly Cited Researchers list. Congratulations to **Pavel Pevzner** and **Rob Knight**, who were listed for biology, biochemistry, and related fields, and to **Siavash Mirarab** for his cross-field work.

[Read More](#)

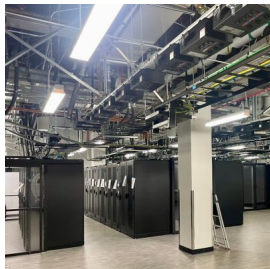


We'd Love to Give You a Shoutout

Your achievements and cutting-edge research belong in an upcoming issue of our CSE newsletter. If it's important to you, it's noteworthy to us.

Please [share your news](#).

CSE EVENTS



Renovation Reveal – Coming This Spring

Ribbon Cutting Ceremony

Save the Date: May 28, 2026

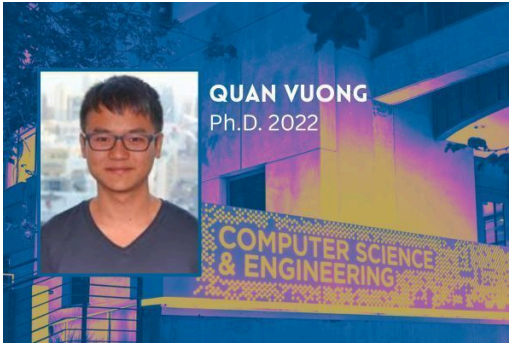
[Read More](#)

CSE's Annual Holiday Potluck and Skits Deliver Joy, Again



CSE's Holiday Party returned to Atkinson Hall to wrap up 2025. A beloved tradition for more than 20 years, the celebration featured a potluck style feast and a full lineup of hilarious skits loaded with puns and insider jokes. (Who knew our professors had such hidden talents!) Thank you to the students, staff, and faculty who helped make this year's gathering memorable.

[Subscribe](#) to our email list.



Embodied AI Research Takes Center Stage at San Diego Robotics Forum

Quan Vuong (Ph.D. '22), who was advised by **Henrik Christensen**, was a keynote speaker at the San Diego Robotics Forum, marking the event's tenth anniversary. Vuong cofounded Physical Intelligence, a startup developing a generative AI model that can control any robot and get it to perform any task. [Read More](#)



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