

Name of chapter: UCLA ACM
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Number of chapter members: 400+
Number of students at UCLA who take Computer Science and related courses: 1000

Typical majors of chapter members: Computer Science, Electrical Engineering, Linguistics and Computer Science, Mathematics of Computation, Cognitive Science

Chapter home page: <http://acm.cs.ucla.edu/>

Officers:

Mihir	Board President
Jennifer	Board Vice President
Nikhil	Board Vice President
Jonathan Lin	Board External
Apurva	Board Outreach
Justin	Board Design
Emily	Board Operations
Kevin	Board DevOps
Alejandra	Board Community
Yvonne	Hack President
Rohan	AI President
Tyler	VRCG President
Jerry	ICPC President
Garima	ACM-W President
Adit	AI Vice President
Henry Yang	AI
Ray Zhang	AI
Daniel Li	AI
Andy	ICPC

Jeffrey	ICPC
Justin	ICPC
Shannon Phu	Hack
Hannah Kwon	Hack
Caroline	ACM-W VP
Natasha	ACM-W Mentorship
Apurva	ACM-W Mentorship
Paulina	ACM-W Design/Publicity
Amber	ACM-W Finance

Faculty Sponsor: David Smallberg (das@cs.ucla.edu)

Our School

The University of California - Los Angeles, was founded in 1919 and is one of the top research institutions in the world.

“UCLA Engineering has developed generations of rigorously trained engineers and has been the home for solutions to challenges in fields including energy, sustainability, healthcare, communications, transportation, infrastructure and information technology.

The school is known as the Birthplace of the Internet because in 1969 the very first transmission on what would become the Internet was sent from UCLA Engineering’s Boelter Hall. The school is also the birthplace of major innovations in reverse-osmosis technology for clean water, semiconductor design and development, pollution research and more.

Today UCLA Engineering’s 38,000 living alumni are working in more than 60 countries, driving positive change in technology and society. They are inventors, Internet pioneers, entrepreneurs, industry leaders and renowned educators.”

(<http://engineering.ucla.edu/about/>)

Our Chapter

In the last few years, UCLA ACM has gone from three people to one of the top tech clubs in Southern California. We hold large-scale events with hundreds of attendees on a regular basis. Our mission is to cultivate the next generation of technology leaders by promoting the spirit of innovation and establishing a culture of creativity.

Our club consists of 5 sub-groups that specialize in different areas of CS:

Artificial Intelligence

ACM AI aims to nurture curiosity and enthusiasm in artificial intelligence and machine learning. They host workshops throughout the year on a variety of related topics.

Virtual Reality / Computer Graphics

ACM VR/CG aims to provide a community in which developers interested in virtual reality and computer graphics can connect, learn and create. They foster collaboration on VR projects and allow people to reserve time with their HTC Vive.

ICPC

ACM ICPC strives to promote critical thinking and problem solving through practice and participation in programming competitions. They host training sessions to get people ready for the competition. They also hold workshops to help anyone improve their algorithm skills.

Hack (<http://hackucla.com/>)

ACM Hack aims to empower UCLA students to influence their world through code. They host events that teach people practical skills that they can use to work on their own projects. Popular topics from the past include Web and Mobile Development.

ACM-W

ACM-W supports, celebrates and advocates for the full engagement of all who are interested in computer science. Additionally, ACM-W endeavors to increase all aspects of diversity in the technical field by providing a range of programs and services to UCLA students.

Outstanding School Service

Hack School (<http://hackucla.com/>): We realized that classes here are mostly theoretical and students lack the ability to actually build things. We created a quarter-long course to teach students a modern technology. Last Fall, We taught full stack web development in JavaScript and had 200+ attendees. In Winter, we taught Android and right now we're teaching iOS. We also built class website, where students can view the course content, join teams, submit their projects for points, and view the leaderboard. This makes it more fun for the students participating. Average attendance: 100 students.

Hack On The Hill: We created a hackathon where beginners could feel welcome. It was a 12 hour hackathon with workshops and mentors to ensure that beginners could leave with something built. 150+ Attendees

Virtual Reality Workshops: Weekly workshops on VR topics such as Unity and Blender. Average attendance: 20 students.

ICPC Training Sessions: Students met for two hours weekly to prepare for the ICPC regional competition. Some training sessions were led by Niyaz Nigmatullin, previous ICPC World Finals champion. This year we qualified for the world finals. Average Attendance: 20 students.

Project A*: This is a quarter-long academy where we teach algorithms and their implementations. We also offer tips on how to apply these techniques to technical interviews. Average Attendance: 50 students.

Artificial Intelligence Workshops: Weekly workshops on a variety of AI/ML topics from Python's numpy and scikit-learn to Tensor Flow. Average attendance: 25 students.

Distinguished Speaker Series: We invited HMC President Maria Klawe to give a talk about how they rapidly increased their diversity, and how we could do the same at UCLA. Attendance: 60 students.

Company Infosessions: We've had infosessions with companies like Google, Facebook and Uber to connect students to top tech companies. Average Attendance: 50 students

Socials: We've had numerous socials to connect students within the CS community such as hikes and s'mores nights. Average Attendance: 30 students

ACM-W Mentorship: This program pairs inexperienced CS students with more experienced upperclassmen. They are placed in families of five people where the mentors offer guidance for internships, research, choosing classes, and more. We also put on social events for members to build a sense of community outside of their given groups. Average attendance: 50 students

DevX (<http://ucladevx.com/>) (<https://medium.com/@acmb Bruins/acm-devx-moonshots-for-ucla-96ab7f870525>)

This is a group that we recently formed to use technology to improve our school. We recruit the best developers and designers to work on campus problems. Current projects include:

- Mentorship Platform to fix the dropout rate among women and minorities in UCLA CS (http://ucladevx.com/devx_apurva.pdf)
- Website that delivers up to date interview questions, experiences and UCLA class relevancy to CS students (http://ucladevx.com/devx_jahan.pdf)
- Website that allows any student to create proposals for changes that they would like to see on campus, as well as voice their opinions about existing proposals. (http://ucladevx.com/devx_omar.pdf)
- Textbook exchanging platform (http://ucladevx.com/devx_jerry.pdf)
- Class recommender (http://ucladevx.com/devx_rohan.pdf)