

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 Chapter Activities

All of our events are free and open to students of any major.

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 a 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 wanted to create a hackathon where complete beginners would feel welcome. It was a 12 hour hackathon with workshops and mentors to ensure that complete beginners could leave with something built. 150+ Attendees.

Hacker Expo: This event gives students a chance to share their side projects with the rest of the school. We invited students to apply with their project and selected the best ones to demo to the rest of the community. 100+ Attendees.

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

Virtual Reality Nights: Weekly event for students to try virtual reality and work on their own projects. Average attendance: 20 students.

CodeSprint LA: Programming competition for UCLA students geared towards those newer to competitive coding. Students competed in teams of 3 to win prizes sponsored by Facebook, Google, and Microsoft. Attendance: 70 students.

ICPC Training Sessions: Every week, students met for two hours to prepare for the ICPC regional competition. Closer to the competition, they have intense training sessions for five hours every day led by Niyaz Nigmatullin, previous ICPC World Finals champion. 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.

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

UCLA CTF (<http://ctfcalifornia.org/>) (5/21/2017) : This is the largest cybersecurity competition at UCLA. Students can form teams of 4 to compete to solve various challenges like SQL injection and password cracking. Projected Attendance: 100 students.

Founder's School (<http://uclafs.com>) (5/7/2017): This is an entrepreneurship conference where we bring in founders to talk and give workshops. It's a great place for students interested in entrepreneurship to network. Last year the CEO of Robinhood was the keynote speaker. Projected Attendance: 100+ students.