

ACM 2022-2023 Student Chapter Excellence Awards Application

For Application Guidelines, see <https://www.acm.org/chapters/student-chapter-excellence-awards>

Award Category: Outstanding Chapter Activities

Chapter Name: *

UCLA ACM Student Chapter (90844) ▼

City: *

Los Angeles

State/Province:

California

Country: *

United States of America ▼

Outstanding Chapter Activities: Chapter Contact Information

Please provide all required information

URL for your Chapter homepage (for example, <https://www.acm.org>): *

Please ensure your chapter logo abides by ACM's Chapter Logo Policy (<https://www.acm.org/chapters/chapter-policies>).

<https://www.uclaacm.com/>

Facebook:

Who is submitting this application? *

Enter Submitter's name

Ava Asmani

Submitter's Email: *

Enter Submitter's email

ava24@g.ucla.edu

Faculty Sponsor Name: *

David Smallberg

Faculty Sponsor Email: *

das@cs.ucla.edu

Outstanding Chapter Activities: Chapter Achievements

Provide brief descriptions as requested, and stay within the character limit for each

Please provide a brief description of your chapter and school (1500 character maximum) *

The University of California, Los Angeles (UCLA) is an R1 university hosting over 31,000 undergraduate students, around 2000 of which are studying computing-related disciplines.

The ACM Student Chapter at UCLA is the largest computer science organization at UCLA and in all of Southern California. This year, our chapter has 293 officers and ~3000 unique event attendees. Our goal is to provide a community of people passionate about computer science, regardless of their prior experience level. We also serve as the de facto voice and advocate of the computer science student body to the UCLA Computer Science department.

Our chapter is organized into 8 committees and a board of directors. The AI committee hosts workshops and provides hands-on experience in machine learning; the Hack committee teaches web development at all levels; the TeachLA committee teaches programming courses to K-12 Title 1 schools in LA; the Cyber committee hosts workshops on making secure systems and participates in national CTF competitions; the ICPC committee teaches competitive programming to participate in competitive programming competitions; the Design committee creates graphics with our in-house font and designs; the Studio committee teaches video game development; the ACM-W committee focuses in creating a diverse community in tech. The board hosts large-scale activities such as career fairs, research fairs and town halls. This year, we hosted around 600 events.

Outstanding Chapter Activities Essay Guidelines (4000 character maximum) *

Tell us about your chapter's most successful activity/activities – you may list a maximum of 4. Please ensure to enumerate each one and place in order from oldest to newest. Be sure to describe each activity, including: the date (add end date if it was multiple days), the type of event, how many people participated, how it was funded, and what made it a success. If you have web pages for these activities, include the URLs. Please be sure to use your chapter's official name - do not refer to your chapter as 'ACM,' 'ACM-W' or 'WICS.' Please note, links to essays will not be accepted and will disqualify your chapter.

Codesprint LA 2022 was a beginner-friendly algorithms contest hosted on May 22, 2022. There were over 400 participants, 80+ of which were from UCLA. Teams of up to 3 participants competed to write programs to solve challenging, out-of-the box algorithms problems created and written by officers of the ICPC committee in the ACM Student Chapter at UCLA. This event was funded by Jane Street and the UCLA Computer Science department. The prize pool for this competition was over \$1850. Participants of this event challenged themselves, met new people interested in competitive programming and learned more about the ICPC committee at UCLA. We found success in this competition by writing our own problems, creating a beginner's guide to competitive programming (tinyurl.com/cs22guide), dividing the competition into a beginner and open division to cater to beginner and advanced competitive programmers, and providing a platform for individuals to meet other participants to form teams. Web page: codesprintla.uclaacm.com

The Student Run Studios Showcase 2022 was the culmination of the Studio committee in the ACM Student Chapter at UCLA's 5-month long student-led video game creation project hosted on May 27, 2022. 12 teams of 12-15 students (over 150 students total) showcased their completed video games from the Student Run Studios project at the event funded by the UCLA CS Department. The Student Run Studios project pairs teams together with an experienced student game development lead to provide support and guidance during the game development process. We found success in this event by carefully picking capable leaders to be game development leads, hosting workshops in the fall to equip participants with the skills they would need to be successful in the development of their video game and holding regular check-ins with teams to discuss their progress. The completed video games from the showcase can be found here: tinyurl.com/srs22acm

The Los Angeles Capture the Flag 2023 competition was hosted by the Cyber committee of the ACM Student Chapter at UCLA from February 10-12, 2023. A capture-the-flag is a jeopardy-style cybersecurity competition where competitors use skills in reverse-engineering, memory corruption and cryptography to obtain "flags" or embedded strings. The event saw 1700 attendees tackle 46 challenges, listen to 8 speakers (including John Hammond, a cybersecurity YouTuber), and compete for over \$4000 in prizes funded by Sandia National Laboratories, Google Cloud, Trails of Bits, Otter Sec, and Amber by LatticeWork. LA CTF 2023 was the largest security event in UCLA history and participants gained experience in cybersecurity and networked with industry experts and professionals. We found success in this event through creating and writing our own challenges, inviting many different speakers and industry representatives to the event and providing beginners with resources to get started. The website for this event can be found here: lactf.uclaacm.com.

Hack on the Hill 2023 was a beginner friendly hackathon with the theme of intersectional environmentalism hosted by the Hack committee of the ACM Student Chapter at UCLA on March 5, 2023. The event, funded by the UCLA CS Department and the department of Residential Life at UCLA, had over 250 attendees with over \$1000 in prizes. Aside from hacking, the event held a sustainability in technology workshop, an interdisciplinary research panel, and provided students with resources to learn about web development and building their first application. Hack on the Hill was a great learning experience for all hackers and a great avenue for publicizing the importance of protecting our environment. What made this

event successful was networking with residential organizations to find more funding for the event, providing fun activities for hackers to do during the day and providing beginners with web development resources. The website for this event can be found here: hoth.uclaacm.com

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