

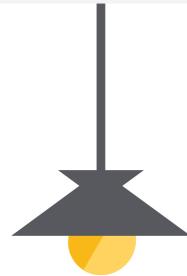
# ACM NEWSLETTER

University of California Riverside





# ABOUT ACM



## **WHO WE ARE:**

ACM at UCR is a student chapter of ACM (Association for Computing Machinery) chartered in 2010. ACM at UCR is one of the largest student-run technical communities in Riverside, CA dedicated to advancing computing as a science and profession.

## **OUR MISSION:**

Bridge the gap between education  
and industry while building a  
community in computing.



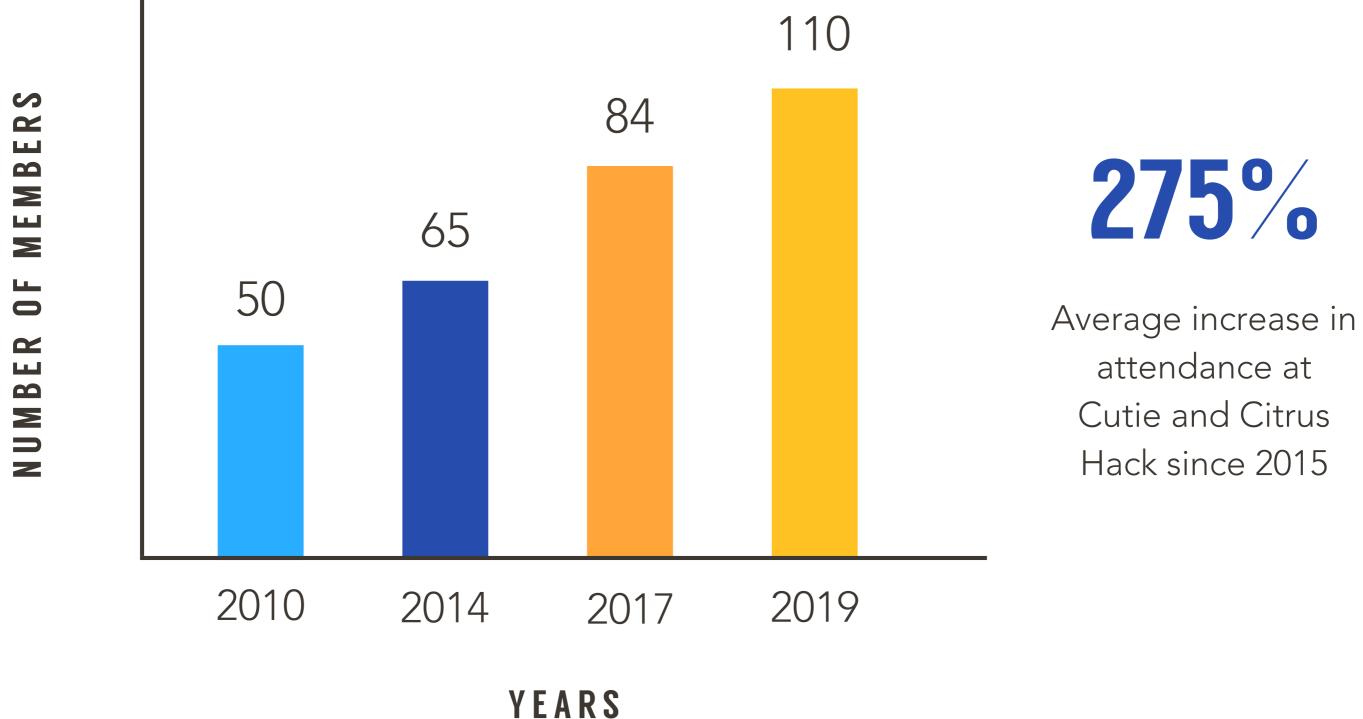


# OVER THE YEARS

Over the last few years, our membership has increased dramatically.

In 2011, we had roughly 50 active members, but in 2018, we recorded having roughly 110 active members.

We hope to continue involving larger numbers of students in organization activities to strengthen our community and impact across campus.





# FOCUS OF THE QUARTERS



## FALL QUARTER - PROFESSIONAL DEVELOPMENT

- Internship panel with UCR Students and Alumni
- Resume & LinkedIn workshops
- Corporate Partnership Events (Google, Amazon, Esri, and more)

## WINTER QUARTER - TECHNICAL DEVELOPMENT

- Career Pathways (Cloud Computing, Web Dev, Data Science)
- Member-led Workshops (JSON Parsing, Time Management, and more)

## SPRING QUARTER - ACADEMIC DEVELOPMENT

- Faculty and Alumni Presentations
- “Learning How To Learn” (soft skills workshops)
- Graduate School Introduction and Advice





# CAREER PATHWAYS

## THE PATHWAYS



In Winter quarter, we led career pathways as a survey into 3 different possible careers students can take on as a developer in computer science:

- |                        |   |
|------------------------|---|
| <b>WEB DEVELOPMENT</b> | Focuses on both front and back end development.<br>We introduced static site building,<br>ranging from dynamic content to dynamic frameworks                |
| <b>APP DEVELOPMENT</b> | Introduction to high level design ideas, and<br>demonstrations of developing on both Android and iOS  |
| <b>DATA SCIENCE</b>    | Data manipulation through regression, classification,<br>and more while learning about common tools<br>like Jupiter, PyTorch, and other relevant libraries. |

## MEMBER-LED WORKSHOPS

Additionally, we encouraged members to share the skills they've developed during their internship experience and free time:

Cloud Computing with AWS  
Mathematics behind Neural Networks  
Dev Workflow

Using Web API's  
Building Discord Bots  
+ many more!



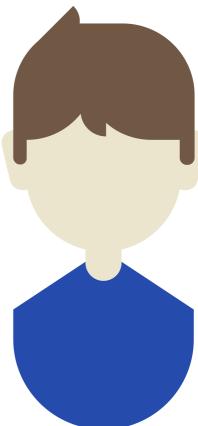
# MENTORSHIP PROGRAM

We strive to create a guiding support network that will aid the incoming generation's search for their passion in the field while giving the experienced generation the unique opportunity to become leaders and teachers.

We paired underclassmen with upperclassmen based on similarities in personal interests in the fields as well as outside the field.

Pairs were made during a speed mentoring event where interested mentees and mentors had the chance to meet everyone.

**28:25**



**MENTOR : MENTEE RATIO**



# ICPC AND UCRPC

## UCRPC & ICPC

UCRPC (UCR Programming Competition) is an annual event that promotes competitive programming among UCR students. Through UCRPC, we plan to generate interest, motivate students to practice outside the classroom, and provide a chance to let students apply what they have learned in CS10, CS12, CS14, CS111, and CS141.

## NOW AND WHAT'S NEXT

ACM now holds weekly competitive programming training sessions that lead up to the ICPC SoCal regional in the upcoming Fall quarter. In the past year, we sent 5 teams, one of which placed 15th. Our goal is to give interested students a regular time and place to work on competitive programming problems.





# HACKATHONS



## PREVIOUSLY IN FALL: CUTIE HACK



Cutie Hack is the beginner-oriented 12-hour hackathon co-hosted by the Association of Computing Machinery (ACM) and Institute of Electronics and Electrical Engineers (IEEE).

The goal of Cutie Hack is to provide a welcoming environment for students to move fast and break things without the fear of failure. On November 11 2018, 200+ students built projects including: computer vision, alertness monitors, and complete RPG games.



## COMING SOON THIS SPRING : CITRUS HACK



Citrus Hack was founded in 2014 by ACM and IEEE student members at the University of California, Riverside. Citrus Hack has seen a lot of growth over the last few years and we are looking forwards another year of student projects. This Citrus Hack is scheduled for April 26–28. And will last for 36 hours.



# MEMBER HIGHLIGHTS

## THE ACM LIBRARY & MOCK INTERVIEWS

We offer various ways to help our members prepare for upcoming interviews. The ACM Library is a collection of resources that contain technical interview preparation books for our members to use and borrow. We also offer mock interviews for both technical and behavioral questions from our experienced members that are scheduled by appointment.

## MEMBER ACCOLADES

Many of our wonderful members have been able to land internships and full-time opportunities at notable companies in industry. Our members have interned at:

AT&T

*Cloudflare*

Qualcomm

Amazon

Facebook

ESRI

Microsoft

Northrop Grumman

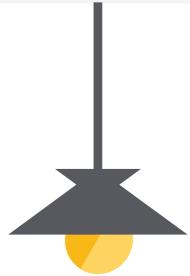
Google

+ more!





# CONCLUSION



Interested in getting involved with  
the ACM@UCR Community?

We are always looking for ways to  
improve and would love to  
hear from you!

Reach us at  
[contact@acmucr.org](mailto:contact@acmucr.org)

