ANSHUL AGGARWAL

aaggarwal@ucla.edu|13998 Alta Vista Ave, Saratoga, CA 95070|408.640.6421|github.com/OmegaNalphA

EDUCATION

University of California, Los Angeles **Expected: June 2019**
Bachelors of Science, Computer Science and Engineering

AWARDS AND HONORS

National Merit Scholar Finalist **February 2015**

- Awarded to high performing students taking the PSAT, less than 1% of all high school seniors in the US

EXPERIENCE

Applied Micro Circuits Corporation | *Software Engineering Intern* **|** Santa Clara, California **June 2016 – September 2016**

- DDR Validation testing for new ARM based 64-bit X-Gene processor using Timberslide
- Implemented dynamic queueing system for Timberslide, allowing multiple test scenarios and available board systems to efficiently utilize hardware resources with back-to-back testing and minimal loss on time
- Created a web status interface for reporting, storing and visualizing weekly status summaries from SQL database
- Responsible for fixing bugs in Timberslide, e.g. hardware initialization of board and thermal logs disappearing, as well as documenting features for online user guide

Flux Ventures | *Software Developer* **|** Los Angeles, California **November 2015 – June 2016**

- Increased sale revenue for ultra-thin chargers through search engine optimization, social media and competitions
- Assisted in hiring iOS, Web, Battery and Marketing teams through extensive interviews and resume processing

Gordon Prill, Inc. | *Database Developer* **|** Mountain View, California **June 2015 – August 2015**

- Developed real time link to SAGE Timberline Construction Accounting software with a relational SQL database for formatting key financial documents in Microsoft Access

CALS Academy | *Robotics & Computer Science Course Instructor* **|** Saratoga, California **June 2015 – August 2015**

- Created middle and high school curriculum in robotics development and Java programming
- Collaborated daily with a small team of staff to develop student specific lesson plans

AFFILIATIONS

Project Roots | *Co-founder and Outreach Director* **June 2016 – Present**

- One-way anonymous peer counselling platform, originating from peer counselling program founded in high school
- Contact organizations and handle communication with current and future clients
- Currently working with Crisis Text Line, Stanford CS + Mental Health, and the USC Keck School of Medicine

Bruin Entrepreneurs | *Director of Programming* **March 2016 - Present**

- Organize projects and schedule speakers in the LA entrepreneurship scene for weekly meetings

LA Hacks | *Fundraising & Logistics | Android Mentor* **March 2016 – Present**

- Contacted organizations for fundraising effort, assisted student projects as Android mentor, hacked project Let's Chill

Film & Photography Society | *Finance Director* **March 2016 – Present**

- Manage finances for projects ranging from small photoshoots to large scale professional film sets
- Established $1000 annual alumni scholarship for club members, the first of the kind at the club level

MentorSEAS | *Publicity Chair* **March 2016 - Present**

- Handle outreach for the UCLA School of Engineering and Applied Sciences Mentorship Program

Mentor at High School Hacks II | *Lead Android Mentor* **February 2015**

- Led two two-hour lectures on creating Android Applications for beginner (creating and running an app from scratch, utilizing Intents) and advanced (clearer structure for Activity construction and types, focusing on Fragments) levels

PROJECTS

Relational Database Structure Tool for Google Sheets **JavaScript**

- Created script to separate data from one sheet into multiple based on a single row with real-time updating

Let's Chill: Organizer for People Who Suck at Making Plans **Web App/LAMP**

- Auto-generate plans without the stress of planning, built at LA Hacks 2016
- Backend developer. Handled database manipulation, Facebook integration and deployment to Amazon Web Services.

SKILLS

Language: English (native), Spanish (conversational), Hindi (conversational)

Tech:			
	Java/JavaScript	Swift/Objective C	Mongo.db
	C/C++	Python	Node.js
	React/React Native	Microsoft Access	Angular
	Android	SQL/MySQL	PHP