

# ANSHUL AGGARWAL

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

## EDUCATION

University of California, Los Angeles, Los Angeles, CA

B.S. *Computer Science and Engineering*, Expected graduation: May 2019

## EXPERIENCE

Microsoft | *Software Engineering Intern* | Redmond, Washington

June 2017 – September 2017

- Created a detailed demo experience for Microsoft's Dynamics 365 CRM Software with the Client Infrastructure Team
- Reduced computational load by developing infrastructure for server-side application rendering
- Implemented 18 second faster login experience by leveraging Global Discovery Services and refactored authentication

Glia Mental Health | *Co-founder & Outreach Director* | Los Angeles, California

June 2016 – Present

- One-way anonymous peer counselling platform, originating from peer counselling program found in high school
- Represented team in USC Accelerator, maintained relations with Crisis Text Line and USC Keck School of Medicine

Applied Micro Circuits Corporation | *Software Engineering Intern* | Santa Clara, California

June 2016 – September 2016

- 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
- DDR validation testing for new ARM based 64-bit X-Gene processor using Timberslide
- Created a web status interface for reporting, storing and visualizing weekly status summaries from SQL database

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

## AFFILIATIONS

Bruin Entrepreneurs | *President*

January 2016 – Present

- Oversaw UCLA's entrepreneurial community by organizing events, speaker series, team gatherings and networking circles to draw more students to entrepreneurship by managing 6 distinct subcommittees
- Increased engagement with Bruin Entrepreneurs on campus by 60% measured by recurring members each week

LA Hacks | *Director of Hacker Experience* | *Master of Ceremonies*

March 2016 – Present

- Coordinated with over 40 organizations and companies as part of outreach and fundraising effort
- Responsible for large scale event planning for over 1000 hackers, volunteers, and judges

1000 Pitches | *Founder* | *Director*

June 2017 – Present

- Managed 25 person team to collect 1000 entrepreneurial pitches from UCLA community and run 300 person finale
- Secured \$1500 of \$3000 for event logistics and costs through sponsorship outreach

Creative Labs | *VR & Hardware Project Lead*

March 2016 – Present

- Led projects from sketch to completion every quarter with a focus on creative UI/UX design in hardware
- Organized team of approximately 10 people for each project in areas such as Arduino, Kinect, and Oculus Rift

MentorSEAS | *Events & Publicity Chair*

March 2016 – Present

- Handle outreach and ran mentorship events for the UCLA School of Engineering Mentorship Program

Film & Photography Society | *Finance Director*

March 2016 – Present

- Manage finances for small to large scale photoshoots and filmsets with budgets between \$500 to \$1500
- Established \$1000 annual alumni scholarship for club members, the first of its kind at the UCLA club level

## PROJECTS

A Child's Journey VR

- An immersive game about growing up and moving to college, developed for the Oculus Rift with Unity 3D

CrowdSource

- Built for One Week Hack at Microsoft. Using any wifi, get statistics on all usage by utilizing the SSDP protocol

Get Kinect'd

- A series of interactive Kinect installations centering on emotion, premiered at LA Hacks 2017 and Geek Week UCLA

## SKILLS

Foreign Language: Proficient speaking in Spanish and Hindi

Technology:

Java/JavaScript  
C/C++/C#  
React/React Native  
Android

Swift/Objective C  
Python  
P5.js/Processing  
SQL/MySQL

Mongo.db  
Node.js  
Angular  
PHP