

## EDUCATION

### University of California, Davis

Bachelor of Science in Computer Science

**Present – June 2020**

3.86 Unweighted GPA / Deans' List (2 quarters)

Regents Scholar / Honors Program Member (3 quarters)

Completed courses in first year: Object-Oriented Programming, Data Structures, Discrete Math, Calculus, Biology

### Mission San Jose High School

National Honors Society Member

**Graduated June 2016**

3.98 Unweighted GPA

## EXPERIENCE

### Undergraduate Research Assistant, University of California, Davis

**October 2016 – Present**

- Working under Professor Zhendong Su
- Building web application to provide online computer science education to students
- Using Ruby on Rails with PostgreSQL

### Research Assistant, University of California, Davis

**January 2017 – April 2017**

- Working under Professor Soheil Ghiasi
- Improving Android application to detect early signs of lung cancer by measuring oxygen/carbon dioxide levels

### Summer Marketing Intern, Auto Force

**July 2015 – August 2015**

- Focused on social media marketing to drive new users to service; increased Facebook likes by over 20% in 3 weeks

## PROJECTS

### Kodejoy – Ruby on Rails/PostgreSQL/HTML/CSS/Python

**October 2016 - Present**

- Web application that provides problems to help students learn computer science
- Implementing methods to generate problems automatically; using Python script called from rakefile

### TileWarp – Java/Android Studio

**June 2015 – September 2016**

- Puzzle app; key challenge to randomize levels; over 30 downloads and 100 likes; featured in school newspaper

### Hello from the Outside – Java/Android Studio

**August 2016**

- App to locate friends at crowded events; key challenge to store names; Google Maps/Firebase APIs

## SKILLS

**Proficient:** Java, C, Android Studio, C++

**Familiar:** Photoshop, Illustrator, HTML, CSS, JavaScript, Ruby, PostgreSQL, Python

## LEADERSHIP AND ACTIVITIES

**Hackathons** HackDavis, Competitor • Outside Hacks IV, Competitor • BearHacks, First Place • HSHacks, Mentor • XXHacks, Speaker

### External Affairs Team Member, HackDavis

**May 2017 – Present**

- Network with nonprofits/companies/clubs, recruit volunteers, organize transportation for HackDavis 2018

### Pragmatic Programming Chair, Davis Computer Science Club

**May 2017 – Present**

- Suggest ideas for events and host most events for the club, such as female speakers and mini hackathons

### Grace Hopper Conference Scholar

**October 2017**

- Will learn about female involvement in computer science and listen to empowering women discuss their experiences

**WEBSITE:** [ananda1066.github.io](https://ananda1066.github.io)

**LINKEDIN:** [linkedin.com/in/alishananda](https://linkedin.com/in/alishananda)