

EDUCATION

University of California, Davis

Bachelor of Science in Computer Science

Present – June 2020

3.9 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

EXPERIENCE

Undergraduate Research Assistant, University of California, Davis

October 2016 – September 2017

- 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
- Improved user interface of Android application and website that detect early signs of lung cancer by measuring oxygen/carbon dioxide levels through Bluetooth connection to mask; collected data from participants in studies

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 exercises to help students learn computer science; exploring MVC framework
- Implementing methods to generate exercises automatically; using Python script called from rakefile

TileWarp – Java/Android Studio

June 2015 – September 2016

- Puzzle app using ArrayLists and switch statements as main components; uses Collections class for shuffling

Hello from the Outside – Java/Android Studio

August 2016

- App to locate friends at crowded events; used shared preferences to store names; Google Maps/Firebase APIs

SKILLS

Proficient: Java, C, Android Studio, C++, Unix/Linux, Data Structures, Git/Github

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, 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

- Awarded full scholarship by Anita Borg Institute to attend conference; sponsored by Morgan Stanley
- Learn about female involvement in computer science and listen to empowering women discuss their experiences

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