ALISHA NANDA

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EDUCATION

University of California, Davis   **Present – June 2020**
Bachelor of Science in Computer Science   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

Mission San Jose High School   **Graduated June 2016**
National Honors Society Member   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; exploring MVC framework
- Implementing methods to generate problems 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 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   **LINKEDIN:** linkedin.com/in/alishananda