ANDREW VO

✉ voandrew@berkeley.edu 📞 (408) 499 - 1809 📍 San Jose, CA

SKILLS

LANGUAGES: Java, Python, SQL, HTML, CSS
DEVELOPMENT TOOLS: Git, Vim, Selenium, JUnit

EDUCATION

University of California — Berkeley Aug. 2018 - Current
B.A. Computer Science 2022
GPA: 3.50
Relevant Coursework: Data Structures and Algorithms

EMPLOYMENT

University of California — Berkeley, *CS Academic Intern*, Berkeley, CA Jan. 2019 - Current
- Assisted computer science graduate student instructors with implementing a student mentor program.
- Tutored 40 computer science students in Python concepts weekly.

Stanford University, *Research Intern*, Palo Alto, CA June 2017 - Aug. 2017
- Analyzed Lepidoptera body size evolution by measuring the body sizes of 3000 butterfly specimens.
- Researched the effects of plastic pollution on 11 marine fauna in the Mediterranean and Australia.
- Used R to compare biodiversity and pollution data from 8 marine studies for my research project.

PROJECTS

vo-andrew.github.io Jan. 2019 - Current
- Personal website hosted by a GitHub repository.
- Implemented using HTML and CSS to primarily host computer science portfolio.

Bear Maps Mar. 2018 - Apr. 2018
- Developed a web mapping application of Berkeley for users to find the shortest route between queried points and business listings through partial string searches.
- Utilized Priority Queues and KD Trees to determine shortest routes, Tries for auto-completed user queries, and A* Search Algorithm for graph traversal.
- Deployed on to Heroku at http://bearmaps-sp19-s177.herokuapp.com/map.html.

Stanford Marine Pollution Research Project June 2017 - Aug. 2017
- Used R to conduct statistical analysis on over 5000 rows of pollution data in relation to marine biodiversity data gathered over a 2-year period.
- Found significant evidence that plastic pollution negatively affects 3 classes of marine fauna (Mammalia, Hexanauplia, and Cephalopoda).

AWARDS

Fiat Lux Scholarship, *University of California - Berkeley* Apr. 2018
- Candidates are invited for a one-on-one interview with a Berkeley faculty member.
- Students are awarded a scholarship based on their financial need, up to the full cost of attendance.