ANDREW VO

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EDUCATION

University of California - Berkeley Aug. 2018 - Current
B.A. Computer Science 2022
GPA: 3.65
Coursework Taken: CS 61A, CS 61B, CS 36

EMPLOYMENT

Stanford University, *Research Intern*, Palo Alto, CA June 2017 - Aug. 2017

- Analyzed Lepidoptera body size evolution by gathering measurements on basal-apical and body size lengths of 3000 butterfly specimens.
- Conducted research on the effects of anthropogenic plastic pollution on marine fauna (with a focus on 11 marine classes) in the aquatic regions of the Mediterranean and Australia.
- Used the R programming language to compare marine biodiversity data with pollution data from a meta-analysis of 8 studies conducted in the Mediterranean and Australia for my research project.

SKILLS

PROGRAMMING LANGUAGES: Python, Java, SQL, Scheme

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.

Scheme Interpreter Oct. 2018 - Nov. 2018
- Created an interpreter for a subset of the Scheme language using Python.
- Developed 7 stages of the interpreter (Reading/Parsing Scheme expressions, Symbol evaluation, Calling Built-in/User-defined procedures, Definitions, Lambda expressions, and Evaluation of special forms).

Stanford Marine Pollution Research Project June 2017 - Aug. 2017
- Used the R programming language to conduct statistical analysis on over 5000 rows of anthropogenic 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
- Faculty select candidates from high-achieving freshmen who have been admitted to Berkeley.
- 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.