SOPHIE GROENWOLD

sophiegroenwold@ucsb.edu
linkedin.com/in/sophiegroenwold
sophiegroenwold.com
310 993 1641

EDUCATION

University of California, Santa Barbara

- B. S. Computer Science
- 2018 - 2022 (expected)
- Honors College of Engineering
- Regent's Scholar — a merit-based scholarship; given to 1% of UCSB's class of 2022

Relevant Coursework

- Object Oriented Design and Programming
- Advanced Application Development
- Internet Programming
- Data Structures and Algorithms (IP)
- Calculus I & II
- Differential Equations, Vector Calculus (IP)
- Linear Algebra
- Probability and Statistics

Skills

- Languages: C++, Java, Python, HTML, CSS
- Tools: Git, Unix, SpringBoot, Django, Bootstrap, Travis CI
- Other: Agile, TDD

EXPERIENCE & PROJECTS

Natural Language Processing Researcher   October 2019 - present

- One of 12/60 selected for the UCSB CS Early Research Scholars Program
- Working under Dr. William Wang of the UCSB NLP Group with three other undergraduate students
- Wrote Python script to utilize seven text classification models provided by scikit-learn and Keras, as well as Google's BERT
- Analyzed model performance disparity across eight languages provided by the Reuters corpus in a formal research paper

r/UCSantaBarbara Course Directory   January 2020

- Created searchable course directory web app for r/UCSantaBarbara organized by class and professor
- Utilized Django to develop site, PRAW to access Reddit data, and the UCSB API Developer Portal to access course data

Personal Website   August 2019

- Designed and developed personal homepage using HTML, CSS, and client-side Javascript
- Built currently-playing music widget for page using Spotify data, integrated using the Last.fm API

LEADERSHIP

External Vice President & Outreach Chair - Society of Women Engineers   October 2018 - present

- Organize outreach programs in the surrounding community, including female empowerment presentations with Dos
  Pueblos High School, STEM education with Girls Inc., and the Robotics Program with IV Elementary
- Reach out to industry representatives for informational sessions and workshops that promote professional development
- Aide in officer activities, such as coordination of weekly meetings and the annual SWE Evening with Industry
- Support SWE activities through meeting attendance, participation as a volunteer at Robotics and Girls Inc. programs,
  and registration in national conferences

Marketing Team - Womxn/Hacks   April 2019 - present

- Create social media presence for UCSB's female-identifying hackathon by balancing presences on Facebook and Twitter
- Collaborate with members in logistics, hacker experience, finance, and graphic design to increase registration by 150%

AWARDS & HONORS

Regent's Scholar   •   Dean's Honors   •   she256 Student Scholar   •   Grace Hopper '19 UCSB Scholarship Recipient