

# SOPHIE GROENWOLD

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## EDUCATION

### University of California, Santa Barbara

- B. S. Computer Science ... GPA 3.7
- 2018 - 2022 (expected)
- Honors College of Engineering
- Regent's Scholar ... a scholarship given to students who have demonstrated their scholarly ability through academic and extracurricular endeavors; given to 1% of UCSB's class of 2022

### Relevant Coursework

- Problem Solving with Computers I & II ... C++
- Object Oriented Design and Programming ... C++
- Advanced Application Development ... Java
- Internet Programming (taken at SMC) ... HTML, CSS, JavaScript
- Calculus I & II
- Differential Equations (taken at SMC)
- Linear Algebra
- Probability and Statistics

## EXPERIENCE

### Natural Language Processing Researcher ... October 2019 - present

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

### SWE Robotics Program Mentor ... April 2019 - June 2019

- Guided elementary school students through the designing, creation, and programming of their personal robotics projects
- Utilized knowledge of Arduino and facilitated communication between students, mentors, and teachers

## EXTRACURRICULARS

### Society of Women Engineers (SWE)

#### Outreach Chair ... October 2019 - present

- Organized 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
- Aided in officer activities, such as coordination of weekly meetings and the annual SWE Evening with Industry

#### Member ... October 2018 - present

- Supported SWE activities through meeting attendance, participation as a volunteer at Robotics and Girls Inc. programs, and registration in national conferences

### Womxn/Hacks Marketing Team ... April 2019 - present

- Created social media presence for UCSB's first female-identifying hackathon by balancing presences on Facebook and Twitter
- Collaborated 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