

## EDUCATION

### University of California, Santa Barbara

expected graduation June 2022

B.S. Computer Science

*UC Regent's Scholar*: recipient of merit-based scholarship awarded to 1% of UCSB's class of 2022

*Honors College of Engineering*: completion of annual community service and GPA requirements

*Dean's Honors List*: achieved for all quarters of study

*Grace Hopper Celebration Scholarship*: awarded on behalf of UCSB to attend GHC 19 in Orlando, Florida

## EXPERIENCE

### Guardian Life, Software Engineer Intern

June 2020 - August 2020

- Developed and standardized user provisioning requests using SQL, defining edge cases for future use
- Managed workflow metrics and visualization using Jira and Tableau for an Agile Release Train with 150+ members
- Ideated a gaming platform prototype with a team of interns for the company-wide Innovation Challenge, winning second place in a shark-tank-style presentation to company leaders
- Explored software development through an Agile lens by utilizing SAFe (Scaled Agile Framework)

### UCSB Natural Language Processing Group, Researcher

October 2019 - present

- Research advised by Professor William Wang of the UCSB NLP Group with a team of other students
- Analyze the efficacy of state-of-the-art NLP technologies on variations of language
- Utilize libraries and frameworks such as Keras and Tensorflow with a focus on BERT and GPT-2
- Present findings through academic publications and poster presentations

### UCSB Department of Computer Science, Academic Tutor

April 2020 - June 2020

- Tutored for CS24, a C++ based course that covers fundamental concepts such as OOP, dynamic memory management, data structures, and complexity analysis
- Worked one-on-one with students to demonstrate debugging, pair programming, and Git workflows
- Communicated with course staff for office hours, lab sections, and grading assignments

## LEADERSHIP

### UCSB Society of Women Engineers

- *External Vice President* February 2020 - present
  - UCSB SWE's point of reference for professional communications
  - Coordinated first virtual Afternoon with Industry, a networking event that brought together 100+ students and 12 companies
  - Launched UCSB SWE's sponsorship program, furthering industry connections and providing funding for outreach and internal programs
- *Outreach Chair* September 2019 - June 2020
  - Coordinated and promote UCSB SWE's volunteer programs with the surrounding community
  - Designed curriculum for STEM education with Girls Inc. of Santa Barbara
  - Created imposter syndrome presentations with Dos Pueblos High School

## SKILLS

Languages: C++, Python, Java, SQL, Kotlin, HTML, CSS

Tools: Git, Vim, Unix, Django, Latex, Jupyter Notebook, TensorFlow, VSCode, Android Studio

Practices: Agile, Test-Driven Development, Pair Programming

## PUBLICATIONS

Investigating African-American Vernacular English in Transformer-Based Text Generation. Proceedings of Empirical Methods in Natural Language Processing (EMNLP) 2020.

## COURSEWORK

Object Oriented Design • Linear Algebra • Vector Calculus • Data Structures & Algorithms • Networking • Android Development  
Data Science Applications & Analysis • Probability and Statistics • Advanced Applications Programming • Computer Architecture