

## EDUCATION

### University of California, Santa Barbara

Bachelor of Science, Major in Computer Science, Minor in History ... GPA 3.8

class of 2022

## EXPERIENCE

### Twitter, Software Engineer Intern

2021

- Developed an API endpoint that serves internal campaign and audit information for Ads management systems
- Built backend infrastructure for team-wide navigation to an API- and GraphQL-first architecture
- Collaborated with engineers across frontend and backend teams to define project requirements and dependencies

### UCSB Natural Language Processing Group, Researcher

2019 - 2021

- Research advised by Professor William Wang of the UCSB NLP Group
- Worked in computational social science by testing the efficacy of state-of-the-art NLP technologies on variations of language
- Utilized libraries and frameworks such as Keras and Tensorflow with a focus on BERT and GPT-2

### UCSB Department of Computer Science, Academic Tutor

2020 - 2021

- Assisted students with core concepts such as object-oriented programming, data structures, and complexity analysis
- Worked one-on-one with students to demonstrate debugging, pair programming, and Git workflows
- Courses tutored: CS24, CS32 (C++)

### Guardian Life Insurance, Software Engineer Intern

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
- Explored software development through an Agile lens by utilizing SAFe (Scaled Agile Framework)

## LEADERSHIP

### UCSB Society of Women Engineers, President

2018 - 2022

- Lead all of UCSB SWE's professional development, outreach, fundraising, and social programs
- Oversaw an officer board of twelve and promoted diversity and inclusion for female-identifying and nonbinary engineers
- Past positions: External Vice President (2020-21), Outreach Chair (2019-20)

## PROJECTS

### Biomedical Resource Assessment Diagnosis (B.R.A.D), In Affiliation with Teladoc Health

2022

- Presented for Distinction in the Major
- Worked in a team of six to create a medical pre-screening interface to facilitate the consultation process
- Created a pre-consultation chatbot using Amazon Lex, AWS Lambda, Amazon CloudWatch, and the Infermedica API

## SKILLS

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

Tools: Git, Vim, Unix, GDB, TensorFlow, LaTeX, Jupyter Notebook, VSCode, Android Studio, IntelliJ

Practices: Agile, Test-Driven Development, Pair Programming

## COURSEWORK

Object-Oriented Design • Compilers • Vector Calculus • Data Structures & Algorithms • Networking • Android Development  
Data Science Applications & Analysis • Operating Systems • Advanced Applications Programming • Computer Architecture

## PUBLICATIONS

Towards Understanding Gender-Seniority Compound Bias in Natural Language Generation. To appear in Proceedings of Language Resources and Evaluation Conference (LREC) 2022. [[paper](#)].

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

## AWARDS & HONORS

UCSB Computer Science Student of the Year, 2022

UC Regent's Scholar, 2018 - 2022

Honors College of Engineering, 2018 - 2022

UCSB Computer Science Outstanding Undergraduate Research Award, 2021