Jilin Cao

Software Developer | caojilin@berkeley.edu | (341) 333-8052

EDUCATION

University of California Berkeley | Berkeley, CA   **Sep 2020 - Dec 2021**

- M.A. **GPA: 3.68**

University of California Berkeley | Berkeley, CA   **Sep 2015 - May 2019**

- B.A. in Statistic, Minor in Computer Science, **GPA: 3.52**

Relevant Course:

• Applied Machine Learning • Data Structures • Efficient Algorithms• Software Engineering • Concepts of Statistics • Concepts of Probability

PROFESSIONAL EXPERIENCE

Hitachi Vantara | Software Developer   **April 2022 - Now**
- Created new pages and implemented new functionalities using **React** for internal server management UI
- Used Redux store for storing the state of the React Application and worked with middleware for the Redux Store.
- Used Chrome Developer Tool for debugging Unit-testing code for edge cases, usability, and general reliability using Jest and Enzyme.
- Worked in an agile environment, actively communicated with the backend team, and fixed bugs and defects, increasing the web application's convenience and usability.

Pallet9 | Software Developer   **Sep 2021 - Jan 2022**
- Utilized **React** to develop 10+ pages for our e-commerce websites
- Used **Python** to write web crawlers to collect product data from the e-commerce websites on the internet
- Utilized **Strappi and Django REST framework** platform to design database schema and API for the frontend to consume

University of California Berkeley | Teaching Assistant   **Sep 2020 - Dec 2021**

- Taught around 50 undergraduate students each semester and helped them reinforce concepts learned from class
- Hold office hours to help students and collaborate with professors to design new problem sets and exams.

PROJECT

Sorting and Search Algorithms Visualizer
- Utilized Javascript and P5.js to create an application to show how dfs/bfs find the path to the exit of a randomly generated maze
- Created an application to show how sorting algorithms work step by step
- Link: https://caojilin.github.io/demo/index.html

SKILLS

Programming Languages: Python, Javascript, R, CSS, HTML, Java, SQL
Tools/Framework: React, Node.js, Redux, Git, Npm, Numpy, Jest