

ANNIE ZHOU

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Statement: I'm a new grad SWE that was impacted by tech layoffs. I've since been working as an independent software contractor for a couple clients, but am currently searching for full-time jobs!

EDUCATION

University of Michigan | Ann Arbor, MI
Sep 2019 – Dec 2022

Major: Computer Science B.S.
GPA: 3.88/4.00

National University of Singapore
Exchange Semester: Jan – May 2022

Relevant Courses:
Data Structures and Algorithms
Web Systems
UI/UX, AR/VR Design
Computer Security
Computer Organization
Statistics and Data Analysis

SKILLS

Programming Languages

C++, C, Python, Java, JavaScript, JSP, R, Matlab, Shell

Frameworks

Vue.JS, Flask, REACT, Spring MVC, Unity

Other Tech

HTML/CSS, XML, SQL, Git, AWS, OOP, RESTful API

HONORS & AWARDS

- University Honors (Fall '19-'20, Winter '19 – '21)
- James B. Angell Scholar (Winter '21)
- William J. Branstrom Freshman Prize (Fall '19)
- Regent Merit Scholarship Recipient (Fall '19)

WORK EXPERIENCE

Sid Lee | Full-Stack Independent Contractor Mar '23 – May '23

- Designed and built a Python Flask web-app that analyzes journal article pitches and outputs scores and improvement suggestions.
- Used the ChatGPT, GNews, and Gtrends API and built a vector-space model to score and perform context and sentiment analysis on the pitch.
- Deployed using AWS Elastic Beanstalk and AWS CodePipeline, presented at the C2 Conference in Montreal, CA

Univ. of Michigan | Web Systems Teaching Assistant Aug '22 – Dec '22

- Worked as part of the teaching team for EECS485, a holistic course for full-stack modern web systems and technologies.
- Teach labs, hold office hours, and help students debug project code.

Amazon | Software Engineering Intern Jun '22 – Aug '22

- Utilized shellscripts, Step and Lambda functions, S3 Buckets, and Redshift to create an automated end-to-end testing framework for Alexa Conversation training models and to output the test metrics.
- Created a Java API to receive user input and generate and execute SQL queries to easily integrate metrics visualization into any UI.
- Implemented a full-stack dashboard to view and compare model test metrics outputted by the testing framework with Spring, Java, and JSP.

Factset | Software Engineering Intern Jun '21 – Aug '21

- Utilized JavaScript, Vue.JS, and internal UI library to implement and stylize a client-facing dashboard to visualize interest yield curves.
- Dynamically populated Vue components with JSON data, fetched through JavaScript AJAX calls to an API Service.

PROJECTS

Instagram Clone

- Simulated Instagram with REACT, implemented with client-side dynamic pages and a RESTAPI, styled with CSS.
- Utilized Python and performed SQL queries in Flask to render server-side dynamic pages and RESTAPI.

Wordle Terminal Game

- Recreated the popular NYT game Wordle to be played in the terminal without needing Wi-Fi, as a present for a friend that loves word games.
- Used Python and shellscript to implement custom messages, colorful graphics and animations, and a game menu.