

Calvin Cai

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SUMMARY

Motivated Computer Science student with a strong foundation in Java, Python, and JavaScript and full-stack web development frameworks and technologies. Deep understanding of Agile methodologies and SDLC, combined with demonstrated leadership. A relentless desire to learn and grow, constantly seeking new challenges as a fast learner.

SKILLS

Programming Languages: Java, Python, JavaScript, R, SystemVerilog

Other Tools and Frameworks: React.js, Bootstrap, HTML5, CSS, SQL, JUnit Testing

Skills: Scrum, Git, AWS Cloud Computing, AWS Amplify, AWS S3, Microsoft Office

EDUCATION

Case Western Reserve University, Cleveland, OH

Graduating May 2025

Bachelor of Science in Computer Science; Economics Secondary Major; 3.5 GPA

- Activities: Varsity NCAA Division III Wrestling
- Awards: NCAA Scholar All-American, UAA All-Academic Honoree, Dean's High Honors List
- Coursework: Java, Data Structures, Algorithms, Software Engineering, Full-Stack Programming, Discrete Math, Cloud Computing with AWS, Operating Systems, Database Systems, Artificial Intelligence, Bioinformatics

WORK EXPERIENCE

iD Tech Camps, Stanford, CA

June 2022 - August 2022

Java Instructor

- Led introductory and advanced Java courses for middle and high school students
- Fostered critical thinking and problem-solving skills through code debugging and efficiency improvement
- Communicated as a liaison between students, parents, and management

PROJECTS

[Spotify Artist Information Retriever](#)

July 2023

Python, Spotify API

- Utilized the Spotify API to access information about individual artists
- Retrieved Spotify popularity score, followers, genre, top 10 popular songs, discography, and similar artists according to user input

[Portfolio Website](#)

May 2023 - June 2023

React, JavaScript, HTML, CSS, Bootstrap

- Developed a portfolio website using React.js, HTML, CSS, and Bootstrap
- Utilized Material-UI for components and Email.js for handling the contact section

[RateMyDorm](#)

February 2023 - May 2023

AWS Amplify, React, HTML5, CSS, JavaScript, Bootstrap

- Built a dorm rating website specific to Case Western Reserve University using AWS Amplify and React
- Allowed students to filter, view, and rate dorms
- Collaborated with a Scrum team to develop features based on user requirements

[Wordle Clone](#)

April 2023 - May 2023

React, JavaScript, HTML, CSS

- Created a clone of the popular New York Times game Wordle using React.js
- Emphasized the use of React Hooks to manage states

[WordStat](#)

March 2022 - April 2022

Java

- Developed a Java program to analyze .TXT files and find word frequencies and collocations
- Implemented a custom hash table class for text file analysis