
Josh Levy

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WORK EXPERIENCE

Associate Software Engineer

Capital One

Boston, MA • 08/2023 – Present

- Contributed to internal Finance Platform development using Python, Java, and AWS, managed through Jira
- Spearheaded the development of a time-efficient migration script using Python, DynamoDB, and parallel processing, successfully transferring over 10,000 records
- Currently participating in an 18-month software engineering rotation program, covering two distinct roles

Web Development Teaching Assistant

Case Western Reserve University

Cleveland, OH • 01/2023 – 05/2023

- Provided two hours a week of tutoring in web development topics such as React.js and MongoDB
- Coordinated with other Teaching Assistants to grade 75+ weekly assignments and exams

Software Engineer Intern

Capital One

Boston, MA • 06/2022 – 08/2022

- Developed an insider trading monitoring system for the Business Team, utilizing React.js for the frontend and Python and SQL for the backend
- Collaborated with a team of 3 fellow interns during a 12-week internship

Software Engineer Intern

Digital Yalo

Houston, TX • 06/2021 – 08/2021

- Successfully completed over 20 client requests for the Primrose School's website using Django, working alongside two teammates
- Created detailed documentation for all code written to ensure sustainability of the software

Data Structures Teaching Assistant

Case Western Reserve University

Cleveland, OH • 01/2021 – 05/2021

- Conducted weekly two-hour tutoring sessions in Java programming, covering a range of fundamental and advanced topics
- Graded over 120 bi-weekly assignments and exams alongside other Teaching Assistants

Matlab Teaching Assistant

Case Western Reserve University

Cleveland, OH • 10/2020 – 12/2020

- Led weekly lab sessions for over 30 students on MATLAB-specific topics, utilizing a project-based approach
- Offered two hours of weekly tutoring in MATLAB programming, helping students grasp key concepts and improve their skills

SKILLS

Front End: HTML, CSS, Tailwind, JavaScript, TypeScript, React.js, React Native, Angular.js, Vue.js, Svelte.js, Django, Flask, Figma

Back End: REST, GraphQL, SQL, MongoDB, AWS, Node.js, Firebase, Prisma, Stripe, Supabase, Sanity

Programming: Python, Java, R, Git, Docker, Jenkins, BASH, C++, MATLAB

Testing: Cypress, Jest, JUnit, Behave, Storybook, Selenium, Playwright, Mocha

EDUCATION

Master of Computer Science

Rice University

04/2024 - 08/2027

Bachelor of Science in Computer Science

Case Western Reserve University

08/2019 - 05/2023

PROJECTS

Soundcheck!

01/2023 - 05/2023

Developed a platform to discover and share Spotify music, built with Next.js, Mantine UI, and Sanity.io

Case Connect

01/2022 - 05/2022

Created a homework help platform for CWRU students, built with Next.js, Chakra UI, and Prisma

Davinia

01/2022 - 05/2022

Freelanced a singer/actress portfolio, built with Next.js, Tailwind CSS, and Sanity.io

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

12/2023 - 12/2026

Amazon Web Services (AWS)

RunMyJobs Automation Developer: Specialist

04/2024 - 04/2027

Redwood Software

VOLUNTEERING & LEADERSHIP

CodePath

11/2023 - 07/2024

Resume & Interview Preparation Coach

Delivered detailed resume and technical interview feedback to 12 students through 1-hour Zoom sessions

Capital One Coders

08/2023 - 12/2023

Mentor

Empowered over 50 middle school students to learn HTML and CSS over a 10 week program