



Max Herz

Software Developer



Resume Summary

Personal, professional and academic interest in applying technology – from optimizing functionality of programming applications and developing efficient code, to building high altitude balloons, drones, and computers. Adept at working with people of diverse backgrounds and technical expertise.



Work Experience

8/2022 - present

Associate Software Developer, Capital One Financial McLean, VA

- Responsible for developing resilient services and infrastructure supporting multiple critical business functions.
- Developed infrastructure and rollout of a new micro-container to enable call center agents to service additional customers.
- Currently developing in the fraud detection and prevention space, working to harden and optimize back-end API's with hundreds of thousands of critical calls per day.

6/2021 - 8/2021

Software Development Intern, Capital One Financial McLean, VA

- As a member of a cross functional intern team, helped deliver a full stack dashboard to display valuable business metrics.
- Wrote a Spring Java API hosted on AWS EC2 instance to pull data from multiple Snowflake warehouses.
- Developed ReactJS front-end hosted on AWS S3 to intuitively display metrics.

5/2020 - 8/2020

STEM Educator, AmeriCorps Fairbanks, AK

- Responsible for STEM education of youths aged 7-12 at the Boys and Girls Club of Fairbanks.
- Taught recurring education sessions on computer science fundamentals, mathematics, and biological sciences.
- Service focused on community development among diverse lower income communities.



Education

8/2017 - 12/2021

The Ohio State University Columbus, OH.

- B.S. in Computer Science and Engineering with a minor in Business. GPA: 3.68

Involvement

- **Mentor, Capital One CODERS:** Responsible for teaching and mentoring secondary students in the basics of web development. Guided students through programming lessons and gave insight into software development. 2023 - present.
- **GPS Ranger, Potomac Appalachian Trail Club:** Responsible for conducting surveys of trails within the PATC domain. 2023 - present.
- **Appalachian Trail Thru- Hiker:** Hiked the entirety of the Appalachian Trail northbound in 2022 (2,195mi).
- **Project Lead and Coordinator, Engineers for Community Service:** Responsible for execution of a technology help session in a retirement community. Featured on Columbus Fox 28 news. 2018 - 2022



Certifications

2023
2024

- AWS Solutions Architect
- Adult First Aid/AED/CPR



Personal Info

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Skills

Software Development

Back-end JAVA

AWS Cloud Infrastructure

Vulnerability Management

CI/CD Software Deployment

Agile and Scrum

Atlassian Suite

Teamwork and Communication

Education



Languages

JAVA



Proficient

JavaScript



Knowledgeable

HTML/CSS



Knowledgeable

Python



Knowledgeable