JOSEPH HAUTER

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EDUCATION

Hunter College   New York, NY
BA Computer Science *GPA: 3.2*   Aug 2020 - Dec 2024

WORK EXPERIENCE

Okta   Remote
Software Engineer in Test Intern   March 2024 - August 2024

- Developed and deployed a Java app on AWS-ECS, integrating Boomi API and AWS S3, reducing errors by 55% through proactive monitoring and notifications. Utilized AWS Secrets Manager to securely manage and retrieve application secrets.
- Implemented a Splunk dashboard and alert system, using Machine Learning to detect outliers, improving error detection and response times.
- Designed and developed a monitoring service, from concept to deployment, resulting in a highly praised project that continues to assist the Boomi team.

American Express   New York, NY
Software Engineer Intern   June 2023 - August 2023

- Implemented VISTA for voice testing, cutting testing time by 50% and achieving enterprise-wide use, using AI and agile skills.
- Spearheaded a Python-based testing system, adding 400+ method functions for VISTA web testing, using Python and Selenium skills.
- Deployed project to Hydra via Docker and Jenkins, achieving 50% faster testing and boosting user satisfaction, using Docker and Jenkins skills.

American Express   New York, NY
Software Engineer Intern   January 2023 - February 2023

- Implemented automated testing for American Express APIs, cutting manual testing by 60%, using automated testing and API knowledge.
- Conducted data cleanup for IDAAS API calls with Axios in WebdriverIO, doubling speed, using skills in Axios and WebdriverIO.
- Optimized processes via A2A tokens and account de-linking, developed a reusable template with Postman, saving time and costs across 40+ markets, using knowledge in process optimization and Postman.

SKILLS

Programming Languages:	Python, Java, C++, Javascript, HTML, CSS, PosgreSQL, SCSS, Ruby, SQL, GO
Frameworks:	React, ExpressJs, NodeJs, AWS-ECS, AWS-S3, AWS-Secrets Manager
Libraries:	Docker, Tailwindcss, selenium, Webdriverio, Axios, Cucumber, Maven, mobproxy, Splunk
Tools:	Git, MongoDB, Gitlab, Postman, AWS, Unix, SonarQube, Snyk, OWASP

PROJECTS

Hands2Words *React, Bootstrap, CSS, Django, Firebase, Firestore, Mediapipes, Tensorflow, numpy*
https://github.com/tasmiachow/Capstone
Codeveloped a full-stack web app using machine learning to translate and teach ASL to English in real-time, improving accessibility through accurate gesture recognition. ● Engineered both the front-end with React and back-end with Django to create a seamless user experience, while implementing Firebase for database management to track user progress and personalize learning.

Activity Matcher *React, NodeJs, Javascript, Ticketmaster API, OpenWeatherMap API, Places API*
https://github.com/JosephHauter/weathermatch
Developed a web application using Node.js, React, HTML, and CSS that integrates Ticketmaster API, OpenWeather Map API, and Foursquare Places API to provide users with planning activities based on weather conditions and sightseeing opportunities. ● Incorporated a user-friendly app that recommends activities based on real-time weather. It also uses react hooks to update the page live and displays local attractions and events in 195 countries.