

Joseph Hauter

✉ hauterjoseph7@gmail.com ☎ (347) 400-8894 [in linkedin.com/in/josephhauter](https://www.linkedin.com/in/josephhauter)  JosephHauter
josephhauter.vercel.app 📍 Queens, NY

Education

Bachelor of Arts Computer Science, 08/2020 – 12/2024
City University of New York Hunter College

- GPA 3.31 Deans List 8+ Semesters
- Relevant Coursework: Data Structures and Algorithms, Intro to Programming, Software Analysis and Design I, II & III, Computer Architecture I & II, Computer Theory, Discrete Structures, Operating Systems
- Basta Fellowship, mentored by Google Engineer learning data structures to become interview-ready

Professional Experience

Okta, Software Engineer in Test 05/2024 – 08/2024

- **Developed and deployed a Java app on AWS-ECS**, integrating Boomi API and AWS S3, reducing errors by 55% through proactive monitoring and notifications.
- **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, Software Engineer Intern 06/2023 – 08/2023

- **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, Software Engineer Intern 01/2023 – 02/2023

- **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.

Projects

Activity Matcher

React, NodeJs, Javascript, Ticketmaster API, OpenWeatherMap API, Places API

- 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.

Virus Tracker

Javascript, Bootstrap, CSS, HTML D3.js, chart.js

- Directed a team in creating a web application disseminating accurate Monkeypox and COVID-19 data using D3.js and Chart.js for interactive data visualization.
- The website features informative videos and uses interactive data visualization for an engaging user experience. Achieved a high-quality, user-friendly, and educational web application winning a hackathon against 30 other teams.

Skills

Programming Languages

Python, C++, Javascript, Java, HTML, CSS, PostgreSQL, SCSS, Ruby, Sql

Libraries

Docker, Tailwindcss, Bootstrap, Webdriverio, Axios, Cucumber, matplotlib, NumPy, Pandas, ChartJs, mobproxy, selenium, webdriver, Maven, Splunk

Frameworks

React, ExpressJs, NodeJs, AWS-ECS, AWS-S3, AWS-Secrets Manager

Tools

Git, MongoDB, VS Code, Atom, Github, Postman, AWS, Unix, Gitlab