

Joseph Kim

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WORK EXPERIENCE

Full Stack Engineer @ Neutrl (pre-seed)

Dec 2021 – March 2021

- Integrated the Neutrl widget into various merchant Shopify sites and communicated with merchants to provide continuous improvements and fixes for their custom implementations of our app.
- Fixed the automatic item-fulfillment feature by interfacing the Node backend with Shopify's updated REST and GraphQL APIs.
- Refactored the MVP by parameterizing the widget-generation script to enforce better software engineering principles and provide improved code readability.
- Helped define the E2E testing procedures for our application and assisted in testing/debugging the frontend and backend for the app's major release.
- Joined as the first engineer and worked directly with the CTO to help establish the engineering team's processes as well as support her in tasks foundational to the product's growth past its MVP-stage.
- Helped interview, onboard, and train new implementation engineer.

Software Developer @ General Motors

Mar 2021 – Nov 2021

- Developed the frontend of *Future Roads*, a data analysis and visualization web application for states' Departments of Transportation to help them better understand road conditions and driver safety.
- Built various interactive React functional components that offered additional analysis functionality and improved data visualization.
- Implemented a security feature to synchronize authentication/log-in state across multiple open windows of the application.
- Coordinated with the Product and the Design teams to ensure that upcoming user stories corresponded with the current state and priorities of the app.

Summer Intern @ MWR InfoSecurity, an F-Secure Company

Jun 2019 – Aug 2019

- Built an offensive security tool in C# that automatically searches for secrets pushed onto shared corporate services like *Confluence*, *Slack*, and *Office 365* for my Independent Research Project.
- Performed mock-audits, each requiring pentesting an application and then addressing the "client" with a technical report or presentation detailing vulnerabilities found and how they could be mitigated with more secure implementations.

SKILLS

Languages

JavaScript, TypeScript, HTML, CSS, Python, SQL

Technologies

ReactJS, Node, Shopify, Material UI, Docker, Git, Unix

EDUCATION

New York University

Class of 2020

Tandon School of Engineering

BS – Computer Science

College of Arts & Sciences

Minor – Philosophy

INTERESTS

Art & Design

Fashion

Music

Storytelling

Videography

Photography

Video Games