

Matthew Hwang

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WORK EXPERIENCE

Fundrise

Software Engineer → Software Engineer II

Washington, DC/Remote NYC

December 2021 – August 2023

- Led the development of new features and improvements to the Backup Withholding domain within a company wide Java Spring application, collaborating with Tax Accountants to correct over 200 users' incorrect personal identification information.
- Developed a Java email automation script to send data to the Iterable API, reliably and efficiently sending over 300,000 dividend payment emails to Fundrise users on a quarterly basis.
- Contributed to the team's effort to convert the conventional Dividend calculation service, nested in a monolithic Spring/SQL application, into distinct SpringBoot microservices to improve performance and scalability.
- Validated code quality and reliability through extensive Unit and Integration testing along with rigorous code review.

CoStar Group

Associate Software Engineer → Software Engineer

Washington, DC

September 2020 – December 2021

- Developed and improved numerous React Components and ExpressJS API endpoints within a fullstack web app used to deliver and display Commercial Real Estate industry news to millions of CoStar users.
- Implemented caching for API responses, reducing response times by 75% and reducing page load times.
- Developed scripts for generating email newsletters, leveraging JS template engines and MySQL for data querying to reliably generate hundreds of thousands of newsletters on a monthly basis for the purpose of amplifying CoStar outreach.

PROJECTS

Square Local Community Hackathon

April 2024

- Developed a fullstack NextJS application with TailwindCSS, and hosted on Vercel, that improves customer loyalty for businesses leveraging Square by enhancing the gift card reward experience.
- Leveraged Square OAuth authentication and Square APIs to connect to/query Square account information.

Ozempic Results App

April 2024 - Present

- Developing a React web application that allows users to view and share image posts showing their progress while taking weight loss medications like Ozempic.
- Developed a backend API with Python Flask, using MongoDB to store application data, and deployed it through AWS ECR and ECS after containerizing through Docker.

LEADERSHIP EXPERIENCE

HI New York Hostel

Volunteer Coordinator

New York, NY

Nov 2023 – Present

- Coordinated weekly events for hostel guests to socialize, actively engaging with 30-50 guests from diverse cultural backgrounds by hosting activities and facilitating meaningful conversations.

EDUCATION

Virginia Tech

BS in Computer Science

Blacksburg, VA

Graduation Date: May 2020

SKILLS & EXPERIENCES

Tools: Git/GitHub, VS Code, Eclipse IDE, Postman, MySQL Workbench, BitBucket, AWS, Docker

Programming & Database: Javascript/Typescript (React, Node, NextJS), Java (Spring/Spring Boot), Hibernate, MySQL, HTML, CSS/SASS, Tailwind CSS, Python (Flask), MongoDB