

Gavin Zheng

gzheng0214@gmail.com | gzheng.dev | linkedin.com/in/gzheng0214 | github.com/gzheng0214

EDUCATION

Boston University

Boston, MA

Bachelor of Arts in Computer Science - GPA 3.72

Aug. 2019 – Jan. 2023

- Relevant Coursework: Geometric Algorithms, Computer Systems, Probability in Computing, Intro to Algorithms, Concepts of Programming Languages, Intro to Databases, Intro to Data Science, Full-Stack Development

Fordham University

New York, NY

Bachelor of Science in Computer Science - GPA 3.9

Aug. 2018 – May 2019

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML/CSS

Frameworks/Tools: React, Node, Flask, Spring, Jest, Jasmine, JUnit, Pytest, Selenium, Git, Jenkins, Docker, Scrum/Agile, AWS

EXPERIENCE

Software Engineering Intern

June 2022 - Aug. 2022

Capital One - Cloud Custodian

Cambridge, MA

- Implemented a cloud compliance reporting service using AWS Lambda and Fargate to create ServiceNow incidents and notify developers for non-compliant resources in the cloud
- Created a notifications aggregation service which reduced the amount of notifications developers receives for low severity incidents
- Mentored students in web development in the Capital One Coders program

Software Engineering Co-op

Jan. 2022 - May 2022

HubSpot - App Lifecycle FE

Cambridge, MA

- Implemented a rollback feature in the settings builder tool which allowed developers to revert their settings page to a previous deployment
- Created a monitoring table that allows developers to monitor the life cycle of their settings page deployment
- Refactored existing JavaScript code in the Settings Framework to TypeScript for better handling of faulty data, incorrect typings, and other errors
- Wrote unit and acceptance tests which increased code coverage and led to less bugs during development

UI Engineer Intern

June 2021 - Aug. 2021

Monster Worldwide Inc.

Weston, MA

- Built a user dashboard that provides users a UI to manage and change their settings, eliminating the need for CLI command calls
- Created a web application that allows developers to track changes in the Jobs deployment pipeline
- Created endpoints with Spring Boot that allows users to manage their files in AWS S3
- Refactored Java code which reduced the API response time by half from 20 seconds to 10 seconds

PROJECTS

Tropical Plant Recipe Searcher | *CSS, JavaScript, React, Flask, MongoDB, OAuth 2.0*

- Built a web application that allows users to retrieve information about tropical plants and receive recipe suggestions
- Implemented a favorite system for users to favorite plants and view their favorites in favorites page
- Secured login via Google OAuth 2.0 and used MongoDB to store user favorites

Photoshare | *Python, Flask, MySQL*

- Built a CRUD application that allows users to upload and delete images to albums, view other people's images and leave comments
- Used Flask to render data on the HTML files and used MySQL to store data in the database