

## EDUCATION

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### UNIVERSITY OF PITTSBURGH

Bachelor of Science

Major in Computer Science; Minor in French.

Pittsburgh, PA

Summer 2023

**Cumulative GPA:** 3.1/4.0

**Relevant Coursework:** Data Structures & Algorithms I, Data Structures & Algorithms II, Software Engineering, Intro to Systems Software, Programming Language for Web Applications, Quality Assurance, Operating Systems

## EXPERIENCE

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### CGI

Software Developer Intern

Pittsburgh, PA

Jun 2023 – Aug 2023

- Developed interactive user interfaces using Vue.js, a progressive JavaScript framework.
- Integrated API endpoints with the front-end using asynchronous HTTP requests to fetch and display dynamic data.
- Designed and implemented RESTful API endpoints using Spring Boot and Java, adhering to best practices for routing, validation, and error handling.
- Used Postman to test and debug API endpoints, ensuring proper functionality and accurate responses.
- Leveraged Docker to containerize application components, facilitating consistent deployment across different environments.
- Worked with Git version control to manage and track code changes, enabling seamless collaboration with team members.

### CGI CAPSTONE PROJECT

Capstone Student

Pittsburgh, PA

Jan 2023 – May 2023

- Working with the CGI team and fellow Pitt classmates in the full stack to enhance and improve a client-onboarding portal that serves as an Internal Recruiting Application.
- Designed and integrated various UI components using HTML, Javascript, and Angular directives, ensuring a consistent and visually appealing experience.
- Actively participated in daily stand-ups to share progress, discuss challenges, and plan the day's tasks while also serving as a scrum master for various sprints.
- Utilized Spring Data JPA to interact with the database, storing and retrieving recruitment-related information.

### CVS PHARMACY

Pharmacy Technician

Pittsburgh, PA

Jun 2019 – Jan 2020

- Provided excellent customer service by proactively reaching out to about 50 patients per shift to ensure their medication was picked up on time, while filling over 200 prescriptions per shift.

## PERSONAL PROJECTS

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### TODO LIST

- Developed a comprehensive and efficient todo list application using Java and Spring Boot framework. July 2023

### UNBEATABLE TIC TAC TOE AI

Dec 2022

- Tic Tac Toe game which uses a miniMax algorithm to equip an AI opponent with the most logical move possible, resulting in a draw in its worst case scenario.
- AI manages to run in  $O(b^d)$  runtime, and completes its turn with milliseconds.

### FRACTAL GENERATOR WEBSITE

Sept 2022

- Allowed users to create fractals which can be stored and shared by creating a login.
- Google datastore allowed users' information to be stored in a cloud.

## TECHNICAL PROFICIENCIES

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**Languages:** Java (5 years), Python, C programming, HTML5, CSS, Javascript

**Software:** GitHub, Microsoft Office, Spring Boot, Unity, MATLAB, Angular, Selenium, Eclipse, Visual VM, Node.js, React, Docker, Postman, Adobe

**Certifications:** Udemy Spring Boot Certification, Microsoft Azure Data Fundamentals Certification

## ACTIVITIES

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### PA WEST GRASSROOTS REFEREE

Certified Official – Central and assistant soccer referee

Managing, officiating, and reporting soccer matches in western Pennsylvania.

Pittsburgh, PA

Jan 2013 – Present