Rodrick T. Gamwo

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EDUCATION

UNIVERSITY OF PITTSBURGH   Pittsburgh, PA
Bachelor of Science   Spring 2024
Major in Computer Science; Minor in French.

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

CGI   Pittsburgh, PA
Software Developer Intern   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   Pittsburgh, PA
Capstone Student   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   Pittsburgh, PA
Pharmacy Technician   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

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

Languages: Java (5 years), Python, C programming, HTML5, CSS, Javascript
Software: Spring Boot, Angular, GitHub, Node.js, Vue.js, React, Docker, Postman, PostgreSQL, Selenium, Visual VM, Unity, MATLAB, Microsoft Office, Adobe
Certifications: Udemy Spring Boot Certification, Microsoft Azure Data Fundamentals Certification

ACTIVITIES

PA WEST GRASSROOTS REFEREE   Pittsburgh, PA
Certified Official – Central and assistant soccer referee   Jan 2013 – Present
Managing, officiating, and reporting soccer matches in western Pennsylvania.