Rodrick T. Gamwo

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EDUCATION

UNIVERSITY OF PITTSBURGH   Pittsburgh, PA
B.S. in Computer Science with French Minor (GPA 3.2/4.0)   2024

CERTIFICATIONS: CompTIA Security+, Coursera Google CyberSecurity Certificate

TECHNICAL PROFICIENCIES

Skills: Threat vulnerability analysis, Investigation, Documentation, Reporting, Databases, Backend, SDLC
Languages: Java, Python, SQL, C programming, C++, HTML, CSS, Javascript, XML, BASH, Powershell
Software: Spring Boot, Linux, Angular, GitHub, Node.js, React, Docker, Postman, PostgreSQL, Microsoft Dynamics GP, PowerBI, Nmap, Nessus

EXPERIENCE

Boldyn Networks   Austin, TX
Network Services Installer Intern   June 2025 – Present
- Performed staging and configuration of approximately 200 network switches weekly, including VLAN setup and firmware validation, preparing them for deployment to university networks nationwide.
- Supported core server continuity by verifying UPS functionality to ensure failover readiness during potential outages.
- Utilized ServiceNow to audit and track decommissioned or disconnected devices from the server infrastructure.
- Resolved tickets onsite with a lead Network Technician which included AP, network switch, and router troubleshooting.

Duquesne Club   Pittsburgh, PA
Lead Valet Attendant   Sept 2023 – May 2025
- Parked cars for members of the Duquesne Club as well as guests for numerous events throughout the week.
- Helped out in the K+L garage as a lot attendant.

CGI   Pittsburgh, PA
Software Developer Intern   Jun 2023 – Aug 2023
- Built interactive UIs with Vue.js, integrating asynchronous API calls and debugging functionality with Postman.
- Created RESTful APIs using Spring Boot and Java, ensuring proper routing, validation, and database integration for an internal application.
- Containerized application components with Docker and maintained code consistency using Git for collaboration.
- Automated build and deployment processes with Gradle and Spring Data JPA, enhancing database performance and application efficiency.

CGI   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.

PERSONAL PROJECTS

Password Manager Website
- Developed a password manager site using Python for data encryption, PostgreSQL for secure data storage, and JavaScript (Node.js), HTML, and CSS for the frontend interface.
- Enhanced security by implementing SMTP, SSL, and OT authentication, ensuring strong protection for user data.

Unbeatable Tic Tac Toe AI
- Tic Tac Toe game coded in Java, which utilizes a miniMax algorithm to enable an AI opponent to make the most logical moves possible, ultimately resulting in a draw in its worst-case scenario.

Fractal Generator
- Allowed users to create fractals which can be stored in Google datastore and shared by creating a login.

CLUBS & ACTIVITIES

- Pitt Hooligans
- Pitt African Student Organization