

EDUCATION

Western Governors University

July 2022 – February 2023

- Bachelor of Science in Computer Science

University of Texas at Dallas

June 2017 – June 2020

- Studied Computer Science

PROJECTS

Heart Disease Risk Prediction

- Developed a Heart Disease Risk Calculator using Python and its libraries including pandas, numpy, streamlit, matplotlib, and seaborn. Imported a heart disease dataset and utilized machine learning techniques to analyze the relationship between age, sex, body mass index (BMI), and smoking status with heart disease risk. Utilized line and bar graphs to visually present the results and created a logistic regression model to predict heart disease based on various factors.

Appointment Scheduler System

- Developed a JavaFX based GUI-powered appointment scheduling desktop application with connectivity to a local MySQL database. Implemented additional report of appointments by customer and included login tracking feature. Utilized lambda expressions and provided JavaDoc for the code.

Package Sorting System

- Developed a routing program with Python utilizing the Nearest Neighbor Algorithm and Greedy Algorithm to optimize package delivery. Manually loaded packages with special instructions, then utilized Nearest Neighbor Algorithm to sort remaining packages with similar delivery distances and optimize truck loading. The Greedy Algorithm was employed to determine the most efficient delivery route by end of day, effectively solving the traveling salesman problem.

CERTIFICATIONS

- CompTIA Project+ Certified
- ITIL Foundation Certificate in IT Service Management

TECHNICAL SKILLS

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|--------------|--------|-------------|-----------|
| • Python | • HTML | • Bootstrap | • JUnit |
| • Java | • CSS | • SQL | • Spring |
| • JavaScript | • C++ | • Git | Framework |

EXPERIENCE AND TRAINING

Generation USA

November 2021 – March 2022

Junior Full-Stack Java Developer Trainee – Training Program

- Completed a 16-week Full-Stack Developer Training Program, where I gained proficiency in JavaScript, Spring Boot, HTML, CSS, SQL, Bootstrap, relational database, web development, programming fundamentals, and data pipelines.
- Designed solutions to meet customer requirements by implementing REST API, managing data transfers between systems, and utilizing CRUD (Create, Read, Update, Delete) for persistent storage.
- Developed critical skills in communication, teamwork, attention to detail, and a positive mindset, essential for success in the industry.

Citigroup Inc – via Randstad USA

February 2021 - October 2021

Transaction Service Representative - Contract

- Experienced in handling confidential documents and preparing them for scanning, as well as performing end-to-end document and payment processing for Public Sector Lockbox, including mail receipt, document assembly, image capture, data entry, and outbound shipping preparation.