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EDUCATION

Bachelor of Science in Computer Science

The State University Of New Jersey • New Brunswick, NJ

09/2021 - 05/2025

Relevant Coursework: Intro to Computer Science, Data Structures, Intro to Discrete Structures 1, Intro to Discrete Structures 2, Computer Architecture, Software Methodology, Data Management for Data Science, Principles of Information and Data Management

PROJECTS

Banking Manager

Academic Project

- Developed a JavaFX-based banking application to enable real-time transaction processing, account management, and detailed financial reporting.
- Developed efficient data structures and algorithms to ensure system scalability and reliability.

Budget Buddy

Personal Project

- Developed a MERN Stack-based application for expense tracking, delivering a comprehensive system for managing and analyzing expenses in real-time.
- The software handles key financial tasks, including creating, viewing, and reporting expenses, with an intuitive user interface for seamless user interaction.
- Demonstrated expertise in full-stack development (MongoDB, Express, ReactJS, Node.js) by building efficient web applications for complex data management.

Railway System

Academic Project

- Developed an online railway booking system with customer, representative, and admin functionality using JSP, MySQL, Java, and HTML/CSS.
- Designed and implemented a relational database to manage train schedules, reservations, and user accounts with enforced referential integrity.
- Built a user-friendly web interface for ticket browsing, booking, and reporting, ensuring controlled access for different user roles.

Mobile Pizza

Academic Project

- Co-developed an Android app for a pizzeria, creating JavaFX-based GUIs to manage orders, track status, calculate prices, and export details.
- Ensured a seamless user experience for store staff by implementing features for detailed order management, pizza customization, and real-time tracking.

SKILLS

Android Development, AWS, Azure, C#, C/C++, Data Analysis, Data Structures, Full Stack Development, Git, Java, JavaScript, Kotlin, Linux, Maven, MongoDB, Node.js, Python, ReactJS, SQL, SQL, Swift, UI/UX Design