

Education

Boston, MA	Boston University (Part-time)	May 2026
<ul style="list-style-type: none">• Master of Science in Computer Information Systems• Concentration: Web Application Development• Relevant Courses: Database Design and Implementation for Business, Web Application Development, Server-side Web Development, Information Structures with Python, Rich Internet Application Development• GPA: 4.0		
Kingston, RI	University of Rhode Island	May 2024
<ul style="list-style-type: none">• Bachelor of Science in Computer Science• Bachelor of Arts in Mathematics• Minor: General Business• Graduated Magna Cum Laude		

Skills

- **Programming Languages:** Python, JavaScript, TypeScript, C++, SQL
- **Web Development (Front-End):** HTML5, CSS, React, Angular
- **Web Development (Back-End):** Node.js, Flask, GraphQL
- **Databases:** Microsoft Access, SQLite, MongoDB, PostgreSQL

Projects

Reading List Management System: [See Code](#)

Angular, TypeScript, HTML5, CSS, Open Library API, LocalStorage

- Built a full-featured Angular web app for managing personal reading lists
- Integrated Open Library API for real-time book search
- Designed responsive components for book search, details, reviews, and list tracking
- Enabled full CRUD operations using LocalStorage to simulate backend functionality

Shopping Cart Application: [See Code](#)

Node.js, MongoDB, Express, RESTful API, GraphQL, Passport.js

- Developed an e-commerce platform with secure user login and role-based admin features
- Created RESTful and GraphQL endpoints for product, user, and order management
- Implemented authentication and session handling using Passport.js
- Managed product inventory logic and dynamic order editing features

Visitor Management:

React, Flask, Python, Node.js, CSS

- Self-taught React to develop a full-featured visitor check-in system with digital badge generation
- Implemented secure user authentication and digital agreement signing
- Centralized visitor data storage and streamlined workflows for front desk operations

Professional Experience

IT Tech	Eagle Stainless Tube & Fabrication	June 2024 to Present
<ul style="list-style-type: none">• Developed a React application integrated with Python, Flask, and Node.js to streamline the visitor sign-in process, reducing administrative overhead and improving the user experience• Designed and optimized Microsoft Access databases, automating key processes and enhancing productivity by improving data management and reporting capabilities		
IT Intern	Eagle Stainless Tube & Fabrication	Summer 2023 and Winter 2024
<ul style="list-style-type: none">• Designed dynamic Access forms and reports using SQL and VBA to streamline data input and retrieval• Refactored legacy Access applications to improve performance and usability• Led user onboarding and provided training during transition to new internal systems		