

EDUCATION

Rochester Institute of Technology: Rochester, NY

Graduated May 2024

Degree In Software Development: Bachelor of Science (BS)

Major consisted of back end and front end development with a focus in RESTful APIs, web applications and algorithms

University of Connecticut: Storrs, CT

Graduated Aug 2023

Degree In General Studies: Bachelor of Science (BS)

Minor: Computer Science

Studied two years of Computer Science and obtained a degree in General Studies before transferring to RIT

TECHNICAL SKILLS

Development Software: Git, GitHub, Visual Studio, Unix Systems (RedHat and Ubuntu), Heroku CLI, Apex

Languages: Python, TypeScript, Angular, Node, JavaScript, C#, C, HTML, CSS, Java

Technologies: SQL, Oracle, Unity, MariaDB

Productivity Software: Microsoft Teams, PowerPoint, Discord, Zoom, Slack, Trello

RELEVANT EXPERIENCE

Stock-Tracking Project

- Developed back-end with Python and Git version control to ensure security with GitHub repository
- Utilized RESTful API called Alpha Vantage to retrieve current data for NASDAQ stocks
- Successfully created charts via Canvas API in JavaScript to track stocks on an application for further analysis

WORK EXPERIENCE

Rochester Institute of Technology (RIT): Rochester, NY

Junior Software Engineer

Aug 2023 - May 2024

- Developed TypeScript interface and data fetching algorithm for successful I/O in relational MariaDB database
- Deployed new form page in Angular application to optimize lab maintenance checks for faculty

BMW Group: Greer, SC

Software Engineering Paid Co-Op (Department of Procurement and Quality)

Jan 2023 - Aug 2023

- Managed a KPI dashboard using SQL to organize data analytics for open defects about vehicles and parts
- Led weekly Agile meetings to review progress and address issues for Scrum across a 70 person department, collaborating with individual sections to ensure transparency and smooth implementation
- Streamlined mobile app for Quality Production Specialists to enhance quality assurance processes on the floor and reducing defect rates
- Mentored new interns to learn SQL database queries for building their own applications in their team

Rochester Institute of Technology (RIT): Rochester, NY

Teacher Assistant (TA)

May 2022 - May 2024

- Guided students in UX Design topics per grading criteria to teach new principles and material
- Evaluated assignments and delivered constructive feedback to help students enhance their work for higher grades

Software Developer Paid Co-Op (GCCIS College)

Aug 2022 - Dec 2022

- Coordinated a team of developers through Angular web development for a functional monitor-display system
- Implemented retrieval method for data in relational database through PHP API
- Administered access privileges via RedHat Linux and documented their progress, processes, and code