

DEVIN JIANG

Seeking a Summer 2024 Software Engineering Co-op/Internship

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EXPERIENCE

Baxter International | Test Engineering Intern

📅 August 2023 - Present 📍 Skaneateles, NY

- Developed test automation scripts utilizing Rust and Python.
- Optimized existing test automation scripts to enhance reliability and performance.

Tools: Rust, Python, Linux, Raspberry Pi

Konfoong Materials International | Software Engineering Intern

📅 July 2023 - August 2023 📍 Yu Yao, China

- Developed the frontend of a prototype Home Automation Software.
- Composed a Software Architecture Document for the initial prototype.
- Containerized the frontend application using Docker Compose.
- Deployed the composed containers utilizing Alibaba Cloud IoT platform.

Tools: React, Redux Toolkit, TypeScript, Material UI, Docker, Alibaba Cloud

Soleras Advanced Coatings | Software Engineering Intern

📅 June 2023 - August 2023 📍 Deinze, Belgium

- Refactored a manual Python analyses script to an automated Python service.
- Implemented a communication link utilizing the GRPC protocol to ensure seamless transfer of analyses between the Python service and the C# backend.
- Enhanced the Angular frontend to display the analysis effectively to the operators.
- Significantly increased the operators' productivity and reduced the turnaround time for receiving analyses data.

Tools: Angular, TypeScript, NgRx, C#, Python, GRPC

PROJECTS

Watch Dog

🌐 <https://github.com/dj6207/AppTracker> 📅 Feb 2023 - May 2023

- Developed a C# WinForm application utilizing .NET 6.0 to track the time spent on desktop applications and display the collected data in a pie chart.
- Deployed a SQLite database to store the time spent on applications.

Tools: C#, SQLite, .NET 6.0

The Bakery

🌐 <https://github.com/TheBakery> 📅 Jan 2023 - May 2023

- Collaborating with a team of 3 other members to develop a website that sells baked goods using the Angular framework.
- Leveraging the REST API to effectively access and modify JSON files to build a database of products and users.
- Employing the Scrum software development cycle involving routine standups, sprint planning, and sprint retrospectives.

Tools: Java, TypeScript, Angular, REST API, Trello, Docker, Slack

EDUCATION

Rochester Institute of Technology

Computer Engineering B.S. GPA: 3.7

📅 Expected Graduation May 2026

RELEVANT COURSES

Computer Science I Computer Science II

Intro to Software Engineering

Digital System Design I Circuits I

Digital System Design II Circuits II

Assembly and Embedded Programing

SKILLS

Languages

Python TypeScript Rust C# Java

Java Script HTML/CSS SQL VHDL

ARM Assembly LaTeX

Tools

Visual Studio/Visual Studio Code Docker

SQL Server Management Studio SQLite

PostgreSQL Git/GitHub IntelliJ IDEA

Linux Raspberry Pi

ACTIVITIES

Computer Science House

📅 August 2021 - Present | Active Member

- Participated in weekly house meetings and technical seminars to learn new skills and concepts.
- Worked on many personal projects with guidance from technically experienced members.

Society of Asian Scientists and Engineers

📅 August 2021 - Present | Active Member

- Attended career development activities such as resume workshops and networking events.
- Gained career guidance from experienced members through mentorship programs.