

# DEVIN JIANG

## Seeking a Fall 2023 Software Engineering Co-op/Internship

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## PROJECTS

### Watch Dog

🔗 <https://github.com/dj6207/AppTracker> 📅 Feb 2023 – Present

- 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#, SQL, .NET 6.0*

### The Bakery

🔗 <https://github.com/TheBakery> 📅 Jan 2023 – Present

- 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*

### Threo Bot

🔗 <https://github.com/dj6207/AutoGBF> 📅 Nov 2022 – Feb 2023

- Developed Threo bot, Python program utilizing YOLOv5 image recognition model for automating mouse clicks on specific images on the computer screen.
- Trained a custom YOLOv5 image recognition model on the Google Cloud Compute Engine Platform using thousands of custom labeled data points.

*Tools: Python, Google Compute Engine, YOLOv5*

### Notes With AI

🔗 <https://github.com/dj6207/Notes> 📅 Jan 2022 – June 2022

- Wrote a Python program to record and send audio to a server for audio transcription.
- Utilized the Wav2vec2 speech recognition model to transcribe audio to text.
- Containerized the program using Docker for easy deployment on various systems.

*Tools: Python, Docker*

## EXPERIENCE

### RIT ITS Desktop Support Tech Center | Technician

📅 September 2022 – November 2022    📍 Rochester, NY

- Assisted students and faculty members with hardware and software issues.
- Worked with the ITS Desktop team to maintain and repair computers.

### NYC Health + Hospitals / Gouverneur | Intern

📅 July 2022 – August 2022    📍 Manhattan, NY

- Assisted the IT department with maintaining and repairing hospital systems.
- Worked with Human Resource staff to prepare for the Years of Service event with over 60 attendees.
- Helped Human Resource staff guide 20 interviewees for a recruitment event.
- Handled paper work using the OnBase software for various departments.

## 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

Digital System Design II

Assembly and Embedded Programming

Circuits I

Circuits II

## SKILLS

### Languages

Python    C#    Java    SQL    Assembly  
VHDL    LaTeX    Java Script    TypeScript  
HTML/CSS

### Tools

Visual Studio/Visual Studio Code    Docker  
SQL Server Management Studio    SQLite  
Git/GitHub    IntelliJ IDEA    Linux    Slack  
Trello    Unraid    WireGuard    OpenCV

## 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.