

# Daniel J. Gramowski

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## About

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Highly motivated and driven software engineering student seeking a summer 2025 (May - Aug.) co-op. Excels at working collaboratively to implement effective, efficient, and maintainable solutions in a timely manner. Continually curious to learn about new ideas and develop a deeper understanding. Seeks out interesting challenges to learn and grow. Prefers to work in office.

## Skills

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**Software Languages:** C#, Java, Python, C/C++, TypeScript, JavaScript, SQL

**Frameworks:** TensorFlow, Docker, React, Angular, PostgreSQL, Raspberry Pi, Spring, FastAPI, Unity, Odoo

## Education

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**Rochester Institute of Technology**

3.6 GPA / Expected May 2026

BS Software Engineering

## Work Experience

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**Software Engineering Intern**

May 2024 - Present

Aurora Machine

Rochester, NY

Lead developer in company ERP migration to Odoo. Designing company workflows and developing solutions to provide functionality not provided by Odoo. Developing all components of product stack including database, API, and front-end to provide functionality.

**Supplemental Instructional Leader**

Jan. 2023 - May 2024

Rochester Institute of Technology

Rochester, NY

Planned and led weekly review sessions for Software Development 1 and 2. Drove student collaboration with interactive activities and peer programming instead of lecturing. Used Socratic teaching method to provide deeper understanding and increase engagement.

## Programming Projects

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**Qwer-key**

Oct 2024 - Present

Converted 4 household objects into keyboards using Raspberry Pi Picos and embedded C for Imagine RIT showcase. Implemented signal detection systems and USB protocol to send data to computer. Learned about embedded development, and USB protocol.

**Trained Terrain**

May 2023 - Feb. 2024

Programmed website with classmate to convert 2D topography map to 3D model using machine learning. Gathered topography maps, processed data, and trained model. Built with Python and TensorFlow. Learned about machine learning and data scraping.

**Nutriapp**

Aug. 2023 - Dec. 2023

Collaboratively designed and developed full stack web application to track user's workouts and meals with a team. Designed using UML and sequence diagrams then programmed using Svelte and ASP.net. Improved project management and backend development skills.

## Competitions

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**Google Developer Student Club Solutions Challenge**

Jan. 2024 - Feb. 2024

Worked with team to build IDEA Card, a website that promotes inclusive hiring for people with disabilities. Interviewed potential users for insight about features. Website built with Angular and Google Firebase. Learned about contextual inquiry and deploying cloud software.

**BrickHack 9**

Feb. 2023

Created website to upload and share class notes with team using PostgreSQL, FastAPI and React in 24 hours. Personally built API layer to connect the front and back end. Learned how to create API's and working under pressure.

**Sparx 1126 FIRST Robotics**

Oct. 2018 - Apr. 2022

Competed with a robot designed and built by the team. Contributed to the software, mechanical, and electrical sub-systems of robot. Involved in leadership team as co-lead. Learned about working in a multi-disciplinary team, machining, and robotics programming.

## Extra Curricular

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**Eagle Scout:** Boy Scouts of America.

**Clubs/Interests:** Google Developer Student Club, Multi-Disciplinary Robotics Club, Habitat for Humanity, President of Racquetball Club, Rock Climbing, RIT Philharmonic Orchestra, RIT Concert Band, Brass Quintet