Maxim Hutz
Software Engineer Student

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Cold Spring, NY

EDUCATION

RENSSELAER POLYTECHNIC INSTITUTE
Troy, NY

BS Computer Science, Information Technology & Web Science
Class of 2025

- <u>Cumulative GPA:</u> **4.0**
- <u>Coursework:</u> Data Structures & Algorithms, Software Design, Human-Computer Interaction, Information Technology
- <u>Awards:</u> Rensselaer Leadership Award, Dean's List, Dean's Honor List
- <u>Skills:</u> JavaScript, React/React Native, C++, C, Python, HTML5/CSS3, TypeScript, PHP, Docker, MariaDB, Microsoft Azure, Firebase, Objective-C.

EXPERIENCE

UNDERGRADUATE TEACHING ASSISTANT
Troy, NY

Rensselaer Polytechnic Institute
Sep 2022 - Present

- Aided 50+ students with C++, code performance, and data structures in Data Structures.
- Currently assisting 60+ with greedy, recursive, and dynamic programming in Algorithms.
- Led weekly labs, proctored exams, and graded student work.

SOFTWARE ENGINEER INTERNSHIP
Beacon, NY

Tightrope Interactive
May 2022 - Aug 2022

Created a mobile companion to the FreshManual website.

- Implemented responsive interface with React/React-Native.
- Maintained user account data with Firestore/Firebase.
- Gathered manual data from the website's FreshManual API.
- Integrated advertisements into mobile search results through Yahoo Ads.

JUNIOR SOFTWARE ENGINEER INTERNSHIP
Beacon, NY

Tightrope Interactive
Jun 2021 - Aug 2021

- Extracted product manual data from aggregators with PHP.
- Added 600+ manuals to the database with 20+ individual, custom web scrapers.
- Prototyped PDF viewer to upload/print files with HTML5, CSS5, and JS.

PROJECTS

MALUNG: COVID-19 CLASSIFIER
Troy, NY

Project Manager, DevOps Lead
Sep 2022 - Dec 2022

- Led a team of 3 to create a COVID-19 classification web application.
- Hosted site on a Microsoft Azure instance.
- Managed account data with MariaDB; Expedited local development with Docker.
- Developed secure endpoints to interact with the front end with PHP.
- Collaboratively designed a user-friendly interface through Figma.