

AIDAN RYTHER

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Objective: Seeking a Software Engineering internship for Spring 2025 (January-May)

Education

Rochester Institute of Technology

August 2022 – Present

Bachelor of Science in Computer Science, concentration in Artificial Intelligence

GPA: 3.4/4.0

Technical Skills

Programing Languages: Python, Java, C, C++, SQL, HTML/CSS, JavaScript, TypeScript

Frameworks: React, Next.js, Angular, Django, NumPy, pandas, JQuery, Flask, PyTorch

Technologies: Git, REST, OpenSearch, GraphQL, FireBase, Maven, Docker, Linux

Work Experience

AT&T

June 2024 – August 2024

Incoming Software Engineer Intern

Middletown, NJ

ShiftList

September 2023 – Present

Founder and Software Engineer

Rochester, NY

- Founded and led the development of ShiftList, a comprehensive HR management tool, effectively handling both front-end and back-end coding to ensure a seamless user interface and quick system performance.
- Managed and mentored a team of engineers, fostering a collaborative environment and leading the way in innovative software solutions, contributing to the project's overall success and scalability.
- Architected and implemented complex software features, leveraging my expertise in full-stack development, to enhance the efficiency and functionality of ShiftList, making it a standout product in the HR software market.

Projects

Course Rating App | JavaScript, HTML/CSS, React, FireBase

June 2023

- Developed GradeMyCourses, a user-friendly course rating platform for students at Rochester Institute of Technology. Reaching the thousands of student attending RIT through its extensive library of courses.
- Enhanced the user experience by integrating real student experiences through ratings and reviews, allowing users to make informed decisions based on course difficulty, workload, and overall satisfaction.
- Increased user engagement and participation by implementing a user account system, allowing users to create accounts, log in, and leave their own course ratings and reviews.

Dream Journal App | JavaScript, HTML/CSS, React, FireBase

February 2022

- Created YumePad, a feature-rich website enabling users to store their dreams in a secure and personalized journal.
- Implemented user authentication and authorization using Firebase Authentication, ensuring a secure and streamlined registration and login process.

News Web Scraper | Python, BeautifulSoup, HTTP

July 2023

- Developed a web scraping application utilizing Python and popular libraries such as BeautifulSoup and requests to extract data from various websites.
- Applied data cleaning and transformation techniques to process pages of extracted data, ensuring consistency, accuracy, and readiness for further analysis.

Leadership / Extracurricular

Problem Solvers Society at RIT

May 2023 – Present

President and Founder

Rochester Institute of Technology

- Organized weekly LeetCode practice sessions, facilitating collaborative problem-solving and fostering a competitive yet supportive environment for over 20 students.
- Conducted mock interviews and coding challenges to improve members' confidence and skills.

Society of Software Engineers

August 2022 - Present

Mentor and Member

Rochester Institute of Technology

- Mentor students in coursework and enhanced personal software engineering skills.
- Prepared study guides to assist peers in exam preparation.

Google Developers Student Club

August 2022 - Present

Member

Rochester Institute of Technology

- Attend Google Developer Student Club workshops, gaining hands-on experience in software engineering and development tools.
- Collaborate in a peer-driven tech community, keeping current with tech trends and industry practices through regular club meetings.