Rory Wood

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Education
Siena College – Loudonville, NY
B.S. Computer Science *(Software Development Track)*, *Expected May 2025*
- GPA: 3.62

Technical Skills
Programming Languages: Java, Python, Swift, JavaScript, PHP, C/C++, SQL
Frameworks: React, React Native, Flask, Node.js, .NET, ROS
Other Skills: AWS, Firebase, UX Design, Agile Development, Machine Learning, API Development

Key Projects
Healthcare Scheduler *(2024–Present)*
- Collaborated with a healthcare client to design clinic scheduling software, enhancing operational efficiency.
- Took on the role of Scrum Master, coordinating a team to ensure successful project completion.
- Integrated OpenAI for real-time voice chat and smart scheduling.
- Created a Python Flask API for seamless backend communication and data management.

Workout Tracking Mobile App *(2023–Present)* • **https://github.com/Rory3140/workout-tracker**
- Initially designed a React Native mobile app for tracking workouts, ready for iOS and Android deployment.
- Integrated Firebase Authentication and Firestore Database for secure data management.
- Currently redesigning the app in Swift for a more native iOS experience.
- Utilizing Figma for UX design and user testing to enhance usability and engagement.

Task Sync Calendar Mobile App *(2024)* • **https://github.com/Rory3140/task-sync**
- Developed and deployed a unique calendar app on the iOS App Store to enhance app development skills.
- Features include customizable to-do lists and UI, utilizing Firebase Authentication and Firestore Database.

Bouncing Ball Game *(2024)* • **https://github.com/Rory3140/bouncing-ball**
- Built an interactive web app using JavaScript, HTML, and CSS, with mobile device controls.
- Integrated Firebase Realtime Database for real-time interactions.

Tabletop Basketball Robotics Project *(2023)*
- Created a robotics system using Python and ROS to throw balls into cups using QR code recognition.
- Won 1st place in the Siena College Robotics Show (2023).

Professional Experience
Computer Science Department Intern – Siena College, NY *(2022–Present)*
- Assist faculty with research initiatives, curriculum development, and administrative tasks.
- Manage technical resources, support departmental events, and maintain lab environments to ensure smooth operations.

Student Tutor – Siena College, NY *(2023–Present)*
- Provide academic support for Advanced Programming, Intro to Java, and Web Design courses.
- Recommended by professors for expertise and ability to simplify complex concepts for peers.

Intercollegiate Athletics
Division 1 Rugby Player – Siena College, NY *(2021–Present)*
- Awarded a sports scholarship to play rugby at Siena College.
- National Champion (2021) and Division 1 Rhino Bowl (2024) discipline at the highest collegiate level.

Key Awards
- Siena College President's List
- Siena College Dean's List
- National Collegiate Rugby Scholastic All-American
- Upsilon Pi Epsilon Computer Science Honor Society
- Represented Ireland at the U19 level in international rugby matches