

Darragh Mahns

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EDUCATION

University of Denver: Bachelor of Science, Computer Science, 2022 **GPA:** 3.6

Awards: Cum Laude, Dean's List, Swim Team Captain

SKILLS & INTERESTS

Skills: Python, JavaScript, TypeScript, Rust, React, Node.js, Django, Express.js, Redux, HTML & CSS, RESTful APIs, OAuth, JWT, SQL, PostgreSQL, AWS, Docker, Git & GitHub, Agile/Scrum Methods, Project Management Tools, Data Analysis, Excel, Word, PowerPoint, Problem Solving, Collaboration, Communication, Customer Service, Process Improvement

Collegiate Activities: Varsity Swim Team, Student Athlete Advisory Committee

EXPERIENCE

Tech Lead | Posted! Software LLC. | Denver, CO

October 2022 – Present

- **Collaborated** with the founder and key stakeholders to design and develop new app features and updates, focusing on enhancing **user experience** and **data security**.
- **Led** the development of a secure and efficient payment processing system that successfully managed over \$100,000 in transactions in 2023, ensuring **data integrity** and **user trust**.
- Spearheaded the development of the Posted! and Posted! Campus mobile apps, employing best practices in software development to create scalable, user-friendly applications that support seamless **data integration and management**.

Software Developer | Build Sports Performance Lab | Louisville, CO

November 2022 – June 2023

- **Redesigned** the clinic's file system architecture to improve organization and accessibility, followed by conducting comprehensive **training** sessions for employees to ensure seamless adoption and efficient use of the new system.
- Developed a custom **web application** to consolidate and streamline various administrative tasks, including class signups, payments, and event scheduling, reducing dependency on multiple external tools and enhancing operational efficiency.
- **Collaborated closely with clinic staff and clients** to understand their needs and **provide solutions** that improved the client experience, fostering **strong relationships** and ensuring high levels of satisfaction.
- Applied Agile and continuous development methodologies to optimize the development process, resulting in a 20% increase in development speed and more responsive iterations.

Software Engineer Intern | Swimmably® LLC | Denver, CO

September 2020 – October 2021

- **Identified solutions** to customer pain points through **enhanced training** and new product features, improving user satisfaction within a distributed system.
- Resolved issues at swim meets by **troubleshooting** timing devices and app functionalities, ensuring smooth event operations across distributed locations.
- Increased **brand awareness** through web development and SEO optimization, driving more traffic and user engagement within a distributed network.

PROJECTS

Neural Network Training with TensorFlow, University of Denver

Used TensorFlow to create and train a deep neural network capable of classifying images of people as wearing a face mask or not wearing a face mask.

Sealevel, Personal

Passion project with the goal of bridging the gap between electronic health record (EHR) systems and giving patients access to their medical files all in one spot. Using Django, Python, AWS, and the Solana Blockchain for secure, immutable medical files with a detailed access log of who is looking at your files.