MESHA EDWARDSON

mnaidooe@uwaterloo.ca ◇ medwardson ◇ medwardson ◇ medwardson.ca

TECHNICAL SKILLS

Languages	Python, TypeScript/JavaScript, Ruby, C/C++, SQL, Bash, Kotlin, HTML/CSS
Frameworks	React, Ruby on Rails, Next.js, Express, Numpy, Redux, Node, AWS, Mongo, MySQL, Protobuf

EDUCATION

University of Waterloo — Expected Aug 2025

Candidate for Bachelor of Computer Science - GPA: 3.5

WORK EXPERIENCE

Incoming Summer Associate - Software Engineer — Jul 2024 - Sep 2024
Balyasny Asset Management — *Toronto, ON*

- Joining the Equity Portfolio Construction & Analytics team to develop software for investment strategy support.

Software Engineer Intern — Jan 2023 - Aug 2023
Kikoff — *San Francisco, CA*

- Using React and Ruby on Rails, developed the credit account pause feature, reducing 4% of total user churn rates and granting users financial relief.
- Engineered a real-time compliance dashboard, leveraging cloud technologies like AWS Lambda and Snowflake, monitoring over 1 million users for government sanctions while slashing manual review efforts by 95%.
- Created the credit account restart feature, driving $500,000 of annual recurring revenue by enabling users to easily re-subscribe to our service.
- Created an automated lease verification system incorporating optical character recognition and regular expressions, achieving an impressive 80% accuracy rate and reducing manual verification efforts significantly.
- Designed and documented a reusable survey tool, cutting survey creation time by 75% and enabling instant survey updates in the mobile app.

Software Engineer Intern — Dec 2021 - Dec 2022
CapIntel — *Waterloo, ON*

- Contributed to CapIntel's portfolio comparison tool for financial advisors in React, Express, and MongoDB, empowering advisors to make informed investment decisions.
- Optimized the financial metric displays to fetch data on demand, reducing the backend worker load by 5 hours per week, improving system performance and efficiency.
- Developed the sought-after Portfolio Groups feature, enabling advisors to showcase personalized goal-based investing for clients by consolidating multiple accounts into a single view.

PROJECTS

Spotify Sentences 🔗

- Developed and deployed a web app using Next.js, TypeScript, and Vercel using backtracking to convert English sentences to a Spotify playlist where the playlist song titles read out the sentence.
- Created a "prefer short titles" feature, reducing runtime by 90% using divide and conquer and async functions.
- Leveraged JS-Cookie to maintain user sessions, ensuring persistent login states and improving user experience.

High-Dynamic Image Ranging (Debevec Algorithm) 🔗

- Implemented an HDRI algorithm in Python utilizing Numpy to merge multiple exposures of an image, significantly improving image quality by achieving natural brightness and enhanced clarity.