Isaac Abell

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EDUCATION

University of Toronto (B.S.)   **Toronto, ON**
Data Science Specialist, Computer Science Major   2022-2026 (expected)

EXPERIENCE

SAP   **Walldorf, Germany / Toronto, ON**
iXp Intern - Full Stack Developer   May 2024 – Present
- Worked with a team of interns to develop SAP Demo Environment 2.0, a web app that provides easy access to the entire SAP solution demo portfolio.
- Contributed to both front-end and back-end development using React and Spring Boot.
- The application is currently used by 20000+ internal users and SAP partners.

Intelligent Adaptive Interventions Lab   **Toronto, ON**
Research Assistant   September 2024 – May 2024
- Developed a Web-app for the lab to facilitate testing of an AI teaching assistant AI.
- Developed and deployed the backend using FastAPI, integrated with a React front-end, all hosted on AWS.

Appex   **Boston, MA**
Software Engineering Intern   May 2023 - August 2023
- Helped optimize AWS usage, cutting company costs by $2500/month.
- Created an app review summarization tool to identify common complaints and requested changes from user reviews on the app store.
- Developed the website for BonsAI: AI ChatBot Assistant using Reactaskbons.ai.

Guavy   **Victoria, BC**
Software Engineering Intern   June 2021 - August 2021
- Developed server load tests to determine the limit of server operating parameters.
- Cypress was used to simulate the activity of a user on the Guavy website to identify bugs.
- Developed web scraping tools using Puppeteer to maintain current information for Guavy's database.

SKILLS

Languages JavaScript(5 years), TypeScript(5 years), Python(4 years), Java(3 years)

Frameworks & Libraries Node.js(4 years), Spring Boot(2 years), React(2 years)

Tools & Infrastructure AWS(3 years)

PROJECTS

Thestudentbase.com(Down for maintenance)   October 2023 - Present
- Developed an online marketplace for anyone with a University of Toronto email.
- Used Springboot for the back-end and React for the front-end. All hosted on an AWS.

Cheap rentals near UTSG | *GitHub Link*   **March 2023**
- Developed an application to help students find cheap apartments nearUniversity of Toronto, St. George Campus.
- Uses Selenium to scrape rental data and Google's Distance Matrix API to find the properties with the best price/distance ratio.

Signal Trader | *GitHub Link*   **June 2022 - August 2022**
- Developed an autonomous stock trading program utilizing the Ameritrade API.
- Day-trades equities based on EMA, RSI, MACD, and momentum.