

# Isaac Abell

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## EDUCATION

**University of Toronto (B.S.) (GPA: 3.50)** **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 React [askbons.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 near University 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.