// MAXWELL BARLTROP

maxrbarltrop@gmail.com ⊛ (905)-399-0239 ⊛ Waterloo, ON ⊛ github.com/maxbarltrop ⊛ in/max-barltrop

WORK EXPERIENCE

Kritik Education Corp.   **Dec. 2020 – April 2021**
Fullstack Developer   *Toronto, ON*
- Participated in agile development sprints, working end-to-end to build key features such as a redesigned feedback system and LMS integration in a production ed-tech application on the MERN stack used by over 100,000 students.
- Went above and beyond job expectations to build tools that supported the customer service and sales teams through tools like user analytics and CRM software integration.
- Gave input in weekly design and engineering meetings, learned and shared opinions on coding best practices, infrastructure, and user experience.

The Cooperators Group   **Jan. 2020 – May 2020**
Fullstack Developer   *Kitchener, ON*
- Led 3–4-person development teams in designing and implementing 3 different web applications for in-house business needs using multiple different tech stacks.
- Desk booking application prototype for return-to-office, powered by Ruby on Rails, was built out in only a three-week time frame and selected over third-party alternatives.
- Built, trained, and deployed SAP CAI chatbots to two apps for a user-friendly way to interact with the products.

PROFICIENCIES

<Languages />	<Frameworks />	<Tools />
- JavaScript & TypeScript	- React	- SQL & NoSQL databases
- Java	- Angular	- Pandas
- Python	- Node	- TensorFlow
- C & C++	- Ruby on Rails	- Atlassian Suite
- HTML & CSS		- Docker

EDUCATION

University of Waterloo and Wilfrid Laurier University   **Graduating August 2022**
Honours Bachelor of Computer Science, Honours Bachelor of Business Administration Double Degree   *Waterloo, ON*
- CS specialization in human-computer interaction, business concentration in marketing
- 84% (3.4/4.0) GPA – Wilfrid Laurier University Dean's Honour Roll
- Relevant course work: CS349[UW] – User Interfaces (95%), CS341[UW] - Algorithms (93%), BU 362[WLU] - Building and Managing Products (B+)

INTERESTS

- **Machine Learning:** I used machine learning in an application to scan analyze satellite imagery for disaster wreckage, earning a finalist spot in the 2020 AI for Societal Impact challenge, as well as laid the groundwork for using it to detect irregularities in securities trades while working at the Bank of Montreal in 2019. I love to read about how the field is evolving to fit new applications like driverless cars.
- **Coaching:** I am passionate about being a leader for future athletes and loved to volunteer my time to youth basketball programs.
- Running; Rock Climbing; Travel; Sustainability; Politics; Spikeball