

Adam Sorrenti

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EDUCATION

• Ryerson University

Toronto, ON

Bachelor of Science (Hons.) in Computer Science; GPA: 3.97/4.33

Sept. 2018 – Present

- **Department of Computer Science Award:** Top marks in Computer Science I & II (CPS109 & CPS209).
- **Google Developer Club Tech Lead:** Ran programming workshops teaching C/C++, Python, and Data Structures with global out-reach.

EXPERIENCE

• IBM

Markham, ON

Back-end Developer Intern

May 2021 - Present

- **Testing:** Participated in Agile Development environment, weekly scrum meetings, and other initiatives.
- **Agile Development:** An environment valuing individuals and interactions, working software, customer collaboration, responding to change.
- **Analytics:** Contributed to a multi-dimensional online analytical processing system using IBM Planning Analytics powered by TM1 in Prolog.
- **Continuous Integration:** Expanded automation within the teams Continuous Integration pipeline using Jenkins.

CASCON x EVOKE Conference Volunteer

Nov 2021

- **Speaker Support:** Supported academic/industry speakers prior to presentations with A/V assistance as well as helped speakers navigate the virtual conference environment.
- **Academic Talks:** Participated, as a viewer, in Cognitive/AI Systems talks engaging with Q&A about machine learning implementations.

• Smart Nora

Toronto, ON

Software Consultant

Oct 2021 - Dec 2021

- **Project Delivery:** Met with stakeholders to formalize software requirements specification and workflow. Provided technical documentation of code, algorithms, interfaces, and APIs.
- **DataOps:** Setup, schema design and management of customer return labels generation using a third-party logistics REST API. Python was used on the application-level with continuous integration using cron jobs.

• Ryerson University

Toronto, ON

Mobile App Developer

May 2020 - Apr 2021

- **Outreach:** Participated on a development team of senior and graduate students to deliver and maintain a mobile app which served more than 2,000 students campus-wide.
- **Notifications:** Service for sending email, push and in-app notifications. Involved in features such as delivery time optimization, tracking, and grouping. Built an admin dashboard to run batch campaigns for marketing.
- **Design:** Designed and implemented UI/UX features which correlated strongly to higher average user retention and engagement.

PROJECTS

- **Sentimental Analysis of Amazon Reviews:** Comparative study of machine learning classification approaches.
- **Multi-scale Face Detection:** Face Detection using SVM and Histogram of Oriented Gradients features.
- **Optical Flow Estimation:** Implementation of Lucas-Kanade optical flow algorithm that computes the pixelwise motion between two images in a sequence.

PROGRAMMING SKILLS

• **Languages:** Python, Javascript, C/C++, SQL, Java

• **Technologies:** Git, AWS, React, Unix, Docker