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