**ETHAN SANTOS**

**2B Data Science | 20888082**

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**SUMMARY OF QUALIFICATIONS**

* + Developed a business intelligence tool utilized by several teams at SAP, with experience working independently on a project while still communicating with stakeholders and supervisors to ensure that user needs are met
  + Strong background in machine learning, computer vision, and artificial intelligence from Microsoft-backed certification
  + Clear and concise team communication skills, developed through on-the-job experience and extracurricular involvement
  + Significant data analysis experience, including cleaning raw company data and integrating data from multiple sources
  + Designed a functional user experience for SAP internship project, creating a frontend with user needs kept in mind
  + Excellent research abilities with experience through the UW Catalyst Program and independent work at SAP internship

**SKILLS**

* + **Languages and Tools:** Python, SQL, R, Jira, Git, Linux/Bash, C/C++, Java, HTML5/CSS/JS, Windows, LaTeX
  + **Other Skills:** OOP and software development, data analysis, research, self-management, team communication

**EXPERIENCE**

**Jira Data Scientist Intern**  September 2021 – December 2021

SAP Canada Inc. | Waterloo, ON, Canada

* + ***Improved organisation-level visibility for several teams*** by creating a business intelligence tool to track and display the progress of team projects in the development pipeline, along with other relevant information for organisation leaders
  + ***Responsible for development of a tool for use by multiple teams***, utilizing Python and the REST APIs for Jira, GitHub, and Gerrit for data analysis, and ***designing a functional user experience*** built on the Jira Structure plugin
  + Significant work experience utilizing the JQL and S-JQL query languages, developing skills transferrable to SQL

**Waterloo Catalyst Engineering Program**  July 2018

University of Waterloo | Waterloo, ON, Canada

* + Developed problem-solving, leadership, and entrepreneurship skills over a two-week program
  + ***Earned first place*** in the culminating Innovation Competition
* Groups of two were tasked with designing a product, planning sales, and pitching it to a panel of business professionals

**EDUCATION AND CERTIFICATIONS**

**University of Waterloo** September 2020 - Present

* Candidate for Bachelor of Mathematics, Honours Data Science (***91.1% Cumulative GPA***)
* 98% in Elementary Algorithm Design and Data Abstraction
* Coursework in: Statistics, Object Oriented Software Development, Linear Algebra, Cognitive Science and Psychology

**Microsoft** June 2020

* DAT263x: Introduction to Artificial Intelligence (AI)
* Developed multiple lab-directed projects involving machine learning strategies, language processing, and computer vision

**PROJECTS**

**Personal Website**  April 2021

ethansantos.me

* + Grew proficiency in front-end web design, utilizing HTML5 and CSS
  + Experienced using Git for version control, as well as using Bash and SSH to work on a remote server

**HOBBIES AND INTERESTS**

* Interested in competitive video games, building computers, and reading
* Past member of high school newspaper team, debate club, and robotics team