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Justin Bornais

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EDUCATION

BSc Computer Science Honors, *University of Windsor*

Sept 2020 - Present

- **97.2%** Major Average, **95.6%** Cumulative Average
- Recipient of **over \$30,000 in scholarships**, including the President's Renewable Entrance Scholarship and the Foresters Competitive Scholarship

EXPERIENCE

Research Assistant / AI Developer

Sept 2021 — Present

University of Windsor

Windsor, ON

- **Developing a desktop and web program** to accurately predict unknown protein concentrations given various files of sample data, using machine learning
- Developing application with **Python, PyTorch, Flask** and **NumPy**
- Member of the **Outstanding Scholars Program** for my academic achievements

Teaching Assistant

Jan 2022 — April 2022

University of Windsor

Windsor, ON

- Assisting students in the **Introduction to Programming and Algorithms II** class
- Running weekly office hours on Blackboard
- Evaluating students' assessments and exams

EXTRACURRICULAR

• **Head of Societal Development** | Computer Science Society

May 2021 - April 2022

- Responsible for running the social media accounts
- Collaborating with the Events team of over six members to organize and advertise events to facilitate student engagement on campus and online

• **Head of Technology** | BorderHacks Hackathon

July 2021 - Sept 2021

- Maintained the BorderHacks website using **HTML, CSS** and **Bootstrap**
- Presented workshop about submitting a project and video, improving participant's ability to showcase projects

• **Lead Judge** | WinHacks Hackathon

Jan 2021 - March 2021

- Created the Devpost for managing the hackathon
- Organized and evaluated submissions with team of judges

• **Lead Programmer** | A-Team Robotics

Sept 2018 - March 2020

- Created two web applications using **HTML, CSS, JavaScript, PHP** and **MySQL**
- Wrote program to drive the robot, including **autonomous driving**, using **Java** and **Eclipse**
- Mentored and assisted other programmers on the team

PROJECTS

• **AAApp**

- Mobile application used for assisting people with addictions, keeping track of how long user stays sober and linking outside sources to help with temptations
- Developed using **Python** and **Kivy**

• **Graphical Assistant**

- Web application using dynamic shapes and diagrams to assist with fundamental mathematical concepts
- Implementation with **HTML, CSS, JavaScript** and **Flask**

SKILLS

Programming Languages Python, Java, C, HTML, CSS, JavaScript

Quantitative Research Machine Learning

Technologies Flask, PyTorch, GitHub, Git, Discord.py, Bootstrap, Google Cloud Platform