Justin Bornais

(226) 346-1753
Windsor, ON
bornais3@uwindsor.ca

justinbornais.ca

Facebook: justin.bornais
GitHub: justinbornais
LinkedIn: justin-bornais

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

SKILLS

Programming Languages	Python, Java, C, HTML, CSS, JavaScript, PHP, SQL
Quantitative Research	Machine Learning
Technologies	Flask, Svelte, PyTorch, GitHub, Git, Discord.py, Bootstrap, Google Cloud Platform

PROJECTS

- **Rhythm Player**
  - Web application to draw and play various musical rhythms to assist piano students with counting
  - Implementation with **Svelte**, **HTML**, **CSS** and **JavaScript**
- **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**