

Aidan Traboulay

Waterloo, Ontario

☎ (+1) 226-698-0314 | ✉ aidantraboulay13@gmail.com | 🌐 www.aidantraboulay.tech | 📷 [aidantrabs](#) | 📺 [aidan-traboulay](#)

Skills

Languages Java, Python, C/C++, Bash, Go, Rust, SQL, JavaScript, ARMv7 Assembly, HTML/CSS, PHP
Frameworks React, Node.js, Flask, Django, Laravel, Actix Web, Gin
Dev Tools Git, Jira, Jenkins, Docker, Metasploit, Firebase, Google Cloud Platform, Confluence, AWS, Wireshark, Kali Linux, CircleCI

Professional Experience

Analyst Programmer

Port-of-Spain, Trinidad & Tobago

GUARDIAN GROUP

May 2021 – July 2021

- Managed site vulnerability using **reCAPTCHA** within **React.js** forms, which drove down bot spam by **95%**
- Utilized **Azure DevOps** boards in order to track and update tasks and issues through **Agile** and **Scrum** methodologies which enabled a more streamlined workflow across the team of **15** developers
- Created and maintained **CI/CD** pipelines for deployment, allowing for a more streamlined work flow

Software Engineer

Port-of-Spain, Trinidad & Tobago

WiPAY CARIBBEAN

Feb 2020 – May 2020

- Developed an **Android** application for the WiPay platform which increased consumer interaction by **150%**
- Refactored the codebase for the internal admin panel using **Laravel**, **MySQL** and **Apache** which allowed for better team usability

Extracurricular Experience

Vice President of Development & Technology

Waterloo, Ontario

LAURIER COMPUTING SOCIETY

Jan 2022 – Present

- Created and managed **React**, **Django** & **Git** workshops for **300+** students
- Responsible for ensuring all subgroups of the development team completed and reported sprints **weekly**, utilizing **Kanban** and **Agile** methodologies
- Managed **5** project teams, consisting of **4-5** members, in the areas of **cybersecurity**, **artificial intelligence**, **game development** **web development**
- Directed and coordinated **400+** students in a month long hackthon-style program with University of Waterloo's Computer Science and Data Science clubs
- Redesigned and rebuilt the official LCS website using **Figma**, **React** and **Firebase**

Vice President of Development & Technology

Waterloo, Ontario

HAWKHACKS

Sept 2022 – Present

- Worked with a team of **20+** executives to run a hackathon with more than **750** annual participants
- Utilized a **Kanban** project-management methodology to ensure that the development team completed their tickets **weekly**
- Designed and developed an **Major League Hacking** approved website for the hackathon using **React.js** and **Firebase** which increased interest by **200%**

Education

Honours Bachelors of Science in Computer Science

Waterloo, Ontario

WILFRID LAURIER UNIVERSITY

Sept. 2020 - April 2024

- Relevant Coursework:** Data Structures, Algorithms, Parallel Programming, Operating Systems, Compilers, Computer Networks

Projects

Rendezvous

Waterloo, Ontario

PYTHON, DISCORD.PY, PY-CORD

Jan 2022 – Present

- A Python-based Discord bot which utilizes the **Pycord** library and the **Ticketmaster API**, hosted on **Google Cloud**'s Compute Engine which allows users to find and filter events worldwide through their Discord servers
- Implemented a cache system is used to reduce latency by associating an **API URL** with its result and a **UNIX** timestamp

Rust Raytracing

Waterloo, Ontario

RUST

Sept 2022 – Present

- A lightweight **CPU-based** ray tracer that compiles and renders clear, reflective objects using specular lighting
- Implements a **multithreaded** approach to delegate computation amongst usable **CPU threads** which increased performance by **300-500%**

Certifications

- 2022 **Developing Cloud Applications with Node.js & React**, IBM, edX
- 2022 **Security+ (In progress)**, CompTIA