

Dillon Bordeleau

DillonBordeleau@gmail.com | DillonBordeleau.dev

Core Skills/Technologies

Python, TypeScript/JavaScript, React, Node.js, Next.js, Express.js, SQL/PostgreSQL, Pandas, Flask, Tailwind CSS, Java, Git/Github

Projects

Portfolio Website

<https://dillonbordeleau.dev>

- Single page application (SPA) built with React and Next.js to showcase my portfolio projects and help me connect with recruiters for internship opportunities. The app is styled with Tailwind CSS and features smooth animations powered by Framer Motion, providing an engaging user experience.

Fantasy Hockey Database App

<https://yofhl-db.vercel.app/>

- Full stack application developed with React, Next.js and a PostgreSQL database with Prisma to manage and display historical fantasy hockey league data in ways that the native fantasy platform we use (Fantrax) cannot. I designed and implemented the database schema myself. Requests are processed via dynamic URLs using the Next.js app router. Heavily inspired by Hockeydb.com

Face Mask Prediction AI

<https://face-mask-detection-qzwb.onrender.com/>

- Two phase project using a convolutional neural network (CNN) to predict whether an individual in a photo is wearing a face mask. The model was trained using PyTorch, not imported. In the second phase of the project I built an API and frontend using flask and deployed a web app so users could request predictions from the model.

Work Experience

Support Specialist, Shopify – Ottawa, ON/Remote

January 2020 – May 2023

- Served in a tier 2 support role providing advanced assistants to Shopify merchants outside of the scope of general support.
- Chosen to participate in a POS success initiative that helped raise net-promoter scores (NPS) by more than 20% and overall customer-satisfaction (CSAT) with the POS by more than 20%.
- Provided world class support to Shopify clients by collaborating cross-functionally with developers, technical teams and Shopify partners to resolve technical problems with the e-commerce platform, POS app and retail hardware. Maintained above 90% customer satisfaction in my interactions.

Director of Fundraising, Carleton University Neuroscience Society – Ottawa, ON

January 2016 – April 2020

- Oversaw fundraising operations and managed a team of fundraisers tasked with designing and executing events to raise funds for the society, including day of operations.
- Collaborated with local charities and businesses including Food for Thought, the Ten Oaks Project and Yuk Yuk's Comedy Club to raise more than \$25,000 CAD for the society and local charities.
- More than doubled the amount of fundraising during first year as director by running more events, and more ambitious events by collaborating with local businesses and charities.

Education

Carleton University – BS in Computer Science

June 2027 (Expected)

GPA: 4.0, CGPA: 3.9

Publication: *Loss of glutamatergic signalling from MCH neurons reduced anxiety-like behaviours in novel environments.*

Journal of Neuroendocrinology, 35(1) | <https://doi.org/10.1111/jne.13222>

Sankhe, Bordeleau, Alfonso, Wittman & Chee (2022)