Kristofer Gaudel

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TECHNICAL SKILLS

Programming Languages: Python, MySQL, JavaScript, TypeScript, HTML, CSS
Frameworks: React, Redux, Bootstrap, NodeJs, Gatsby, Firebase, Git
Operating Systems: Windows, Mac, Linux, Unix

EXPERIENCE

Full Stack Engineer Intern — Jul 2021 – Present
Wire Buddy — *Toronto, ON*

- Built front-end components on the main app and marketing site (Chatbox, Customers, Receipts, and Work Events) using TypeScript, ReactJS, Gatsby, and Styled Components
- Implemented Redux throughout the application for state management, and Sagas for API calls
- Developed layers and paths for the REST-API on the back-end in Python and MySQL

President - SATEC @ W.A Porter Computer Science Club — Oct 2020 – June 2021
SATEC @ W.A Porter Collegiate Institute — *Toronto, ON*

- Organized a club of over 100 students teaching members foundational programming concepts in Python 3
- Oversaw a team of 10 admins to facilitate meetings and club activities
- Led lessons on topics such as iteration, functional programming, recursion, classes, and data structures

Web Development Intern — Sept 2019 – Jan 2020
eHealth Innovations @ University Health Network — *Toronto, ON*

- Developed a hospital database application using HTML, CSS, Javascript, Bootstrap, NodeJS, and the Google Maps API
- Completed a prototype website for the UHN project APEEE using HTML, CSS, Javascript, Express, and NodeJS
- Collaborated with the digital health team to perform quality assurance testing for Bant

PROJECTS

Driftr | *HackTheNorth 2020++ Project* — Jan 2021

- Driftr is a full-stack application that was created to stop drowsy driving using machine learning
- Created the application from the ground up using Vue.JS, Quasar, CockroachDB, Electron
- Implemented machine learning models using TensorFlow to track user's blink rates and eye movements
- Designed the user interface in Figma and created an audio-visual marketing campaign using Adobe Premiere, and FL Studio 20

Elevate Finance | *UniHack 2020 Project* — Nov 2020

- Elevate Finance is a mobile application that promotes financial responsibility by effortlessly scanning bills and receipts to track monthly spending
- Designed the user interface and various app screens in Figma and built them in Dart and Flutter
- Integrated user authentication, account creation, and login functionality with FireBase
- Implemented TensorFlow Lite to scan bills, receipts, and other financial statements

EDUCATION

University of Waterloo — 2021 - 2026
Honours Bachelor's of Computer Science - Computer Science — *Waterloo, ON*

Wilfrid Laurier University — 2021 - 2026
Honours Bachelor's of Business Administration - Business Administration — *Waterloo, ON*