

KYLE THATCHER

Software & Web Developer, Computer Engineering Student

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EDUCATION

B.Eng. in Computer Engineering CO-OP
McMaster University

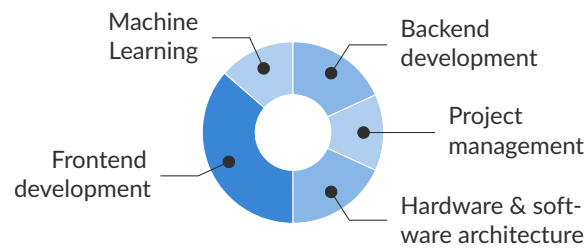
September 2017 – April 2022

- Completed 2 years of a 4-year program
- Current GPA of 3.3

LANGUAGES

JavaScript (ES6)	●●●●●
Python	●●●●●
HTML5	●●●●●
CSS/SCSS	●●●●●
C/C++	●●●●●
Java	●●●●●

MY SPECIALTIES



KEY SKILLS & STRENGTHS

Self-driven

Rapid learner

Team player

Analytical thinker

Creative

Passionate

React

Django

Redux

PyTorch

Git

SQL & NoSQL

Laravel

Webpack

Adobe Suite

Microsoft Suite (VBA)

Statistical Analysis (NumPy, pandas)

EXPERIENCE

Full Stack Developer (Internship)

Sanofi Pasteur

April 2019 – August 2020

Toronto

- Developed a **MySQL / Django / React SPA** that streamlined data consolidation for a department of 400+ coworkers
- Experience implementing a **RESTful API**, client state management with **Redux**, and user authentication with **Knox**
- Empowered teams to track department performance by designing a dashboard for powerful **data visualization** using **Material-UI**

Baja Data Acquisition Team Member

McMaster Baja Racing

October 2018 – April 2019

Hamilton

- Completed several **simultaneous, demanding design projects** and excelled at **critically evaluating design alternatives**
- Demonstrated **great enthusiasm** and excellent **communication skills** during weekly design meetings

PROJECTS

Athena UI Web Framework

athena-css.com

- Athena is a responsive, **mobile-first, cross-browser SASS/CSS UI framework**
- Expert use of SASS mixins, functions, and flow control to write elegant, stable, and maintainable stylesheets
- Promoted rapid UI design by creating dozens of **responsive web components** with **extensive documentation**

Aurum: Cryptocurrency Simulation

github.com/Kytha/aurum

- A **React SPA** which demos a proof-of-work **blockchain** cryptocurrency operating over a simulated p2p network.
- Allows users to process transactions, and mine blocks by **leveraging advanced Javascript and cryptographic algorithms**.

Fullstack Hackathon Challenge: Lab Finder

github.com/Kytha/prepr-labs

- A **MySQL / Laravel / React SPA** that connects clients with co-learning opportunities across the world
- Allows users to search and filter to discover labs and their location by leveraging **Google Maps API**
- App features role-based access control, **OAuth 2.0** authentication, and a **RESTful API**