

LANGUAGES & TOOLS

- Java, C, C#, HTML, CSS, SQL, PHP, ASP.NET
- Bootstrap & Tour, JS, Node.JS, ReactJS
- Basic Android Application Development and Unity Game Engine Development
- Development in miscellaneous hardware (Ex. Leap Motion, Myo Arm Band)

WORK EXPERIENCE

Full Stack Engineer Intern, Walkthru (Remote) Jan 2018 - Current

- Will use JS, JQuery, Nodejs, PostgreSQL, and basic web development tools to implement features
- Will implement walkthrough logic with various tools and Bootstrap Tour

Assistant Web Developer, Upper Grand District School Board (Guelph) July 2016

- Enhanced site maintenance, user experience, and updates within UGDSB
- Learned PHP and ASP.NET within a tight time frame
- Updated UI and report saving features to improve Waste Audit management system
- Migrated secondary school websites to WordPress platform for improved administrator experience
- Created WordPress plugins with PHP to improve site functionality

PROJECT HIGHLIGHTS See devpost and github for more information and projects.

Chemistry Multiple Choice Web App (Guelph) Aug - Dec 2017

Developed for Centennial CVI Science Department

- Replaced outdated chromebook incompatible program with accessible web application
- Used HTML, CSS, Bootstrap, JS, and JQuery to develop project
- Coordinated volunteers to format test files
- Found at chem.kxg.space

SMS Mother (Kitchener) Nov 2016

Top 10 projects at Breakinequality

- A voice based SMS and web app that diagnoses medical problems for remote communities.
- Uses an integrated voice recording system to diagnose patients and forwards information to doctors
- Used web development tools to implement front end web app
- Implemented logic for SMS sending in java

Procastin8 (Philadelphia) May 2016

First Place at HackGFS

- Google Chrome extension that aids in productivity through gamefication.
- Aims to make productive work fun for students with colourful artwork and smooth game-like design.
- Used CSS and created pixel art assets for front end design
- (github.com/procastin8/procastin8-chrome)

EXTRACURRICULARS

Lead Logistics Coordinator, StarterHacks (Waterloo) Oct 2017- Current

- Organizer of Canada's premium beginner exclusive hackathon, anticipating 500 hackers
- Lead, coordinate, and communicate with event organizing team
- Will analyze and compile an estimated 2000 applications
- Will train and maintain positive relationships with an estimated 150 volunteers and mentors

Elected First Year Representative, Mathematics Society of UWaterloo (Waterloo) Oct 2017 - Current

- Member and voice of first year students at MathSoc Council and First Year Affairs Committee
- Plan and organize innovative events catered to first year math faculty student needs
- Marketed and delivered three events, each with a 100+ student turnout

Autonomous Programmer, SpartAndroids FIRST Robotics Team (Guelph) Oct 2015 - March 2016

- Implemented autonomous system of robot with java
- Understood robotics software structure to successfully implemented new features
- Reformatted and improved readability of old illogical code
- The robot won the Judges award at competitive 2016 main event for strong competition performance