

SKILLS & LANGUAGES

- Extensive experience in Java
- Front end website development (HTML, CSS, JS, PHP, ASP.NET)
- Android Application Development
- Unity Game Engine Development
- Development in miscellaneous hardware (Ex. Leap Motion, Myo Arm Band)

WORK EXPERIENCE

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 short time frame
- Updated UI and report saving for a terribly outdated Waste Audit management system
- Migrated secondary school websites to user friendly and accessible WordPress Platform
- Created WordPress plugins with PHP to improve site functionality

PROJECT HIGHLIGHTS

See devpost for more information and projects.

InternetVane (Philadelphia)

September 2017

Best use of EarthNetwork API at PennApps XVI

- IOT weather vane that points in the direction of the wind at your location.
- Arduino UNO with twillio functions, google maps geo-location API, magnetometer, and other hardware.

SMS Mother (Kitchener)

November 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
- Forwards information to doctors and sends medical guidance via texts and voice mail.

Procastin8 (Philadelphia)

May 2016

First Place at HackGFS

- Google Chrome extension that aids in productivity through gameification.
- Aims to make productive work fun for students with colourful artwork and smooth game-like design.
- (github.com/procastin8/procastin8-chrome, not on personal github & devpost)

EXTRACURRICULARS

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
- Manage time, resources, and committee relations to deliver successful events
- Fostered involvement and love for technology within the first year math faculty community

StarterHacks Operations Organizer, Equitech & Major League Hacking (Waterloo) Oct 2017 - Current

- Organizer of Canada's only premium beginner exclusive hackathon
- Precise and strict event planning to ensure over 500 hackers have the best experience possible
- Manage positive relationships with world class sponsors and mentors

SpartaHacks Founder & Organizer, Centennial CVI & Local Hack Day (Guelph)

Oct - Dec 2016

- Founder and lead organizer of Guelph's first high school hackathon
- SpartaHacks kickstarted increased youth involvement in technology at Guelph
- Successful fundraising and event planning within tight time restraints
- Managed positive relationships with sponsors and mentors

Autonomous Programmer, SpartAndroids FIRST Robotics Team (Guelph)

Oct 2015 - March 2016

- A computer programmer for the autonomous system of the SpartAndroids robot
- Won First place at STEMley Cup (off-season event)
- SpartAndroids appointed to team captain at competitive 2016 main event
- Won prestigious Judges award at competitive 2016 main event