

Summary of Qualifications

- Winner of Microsoft prize at HackHarvard 2016 for medical software which integrates Machine Learning and the LeapMotion
- Front-end development experience using JavaScript, Angular2, CSS3, jQuery, Bootstrap, .NET, and Universal Windows Platform
- Back-end development experience with C++, Java, Node.js, Express.js, PostgreSQL, and Firebase from numerous projects
- Prominent interpersonal and communication skills acquired from role as project manager of several projects such as Stubblet
- Distinguished time management abilities acquired from playing on varsity rugby team while balancing engineering classes

Work Experience

Software Engineer

Whut Inc, Oakville, ON

August 2016 – January 2017

- Lead role on front-end development team, creating sales-enablement platform using Angular2, HTML5, CSS3 and JavaScript
- Built and implemented application back-end using Node.js, Express.js, Multer, REST, and Docker
- Constructed and managed PostgreSQL database, ensuring technical and functional designs met business requirements
- Involved in strategizing product design with Product, Engineering, and Business Managers

Co-Founder and Lead Software Engineer

Arrow Analytics, Waterloo, ON

October 2016 – Present

- Created medical diagnostics software which leverages machine learning and the LeapMotion to detect early symptoms of Huntington's disease
- Awarded the Microsoft Prize at HackHarvard 2016 for it's extensive use of the Microsoft Azure machine learning platform and innovative design
- Responsible for software design, LeapMotion hardware implementation and development, and front-end software development

Web Developer

Veriday, Mississauga, ON

January 2016 – April 2016

- Designed and built over 100 websites using HTML5, CSS3 & JavaScript
- Recognized for implementing new user experience design features which were then highly requested for by clients

Education and Development

Candidate for BaSc in Systems Design Engineering

University of Waterloo, Waterloo, ON

2015 – 2020 (Expected)

- Awarded the University of Waterloo Presidents Scholarship of Distinction for 95%+ entrance average
- Team member of 2015-2016 University of Waterloo Varsity Rugby Team
- Team member of Spring 2016 Waterloo County Rugby Team
- Team member of Systems Design Engineering Intramural Basketball team

Recent Projects

Arrow AI 1.0 – Web Application HackHarvard 2016 (October)

- Medical diagnostics software that helps with the diagnosis of Huntington's disease by leveraging machine learning and the LeapMotion device
- Winner of Microsoft Prize at HackHarvard 2016
- Responsible for product/software design, hardware implementation and front-end development

Stubblet – Web / Mobile Application September 2016 – Present

- Platform for university students to post and find subletting options near campus
- Responsible for product/software design, project management, and software development using Angular2, JavaScript, Node.js, and Google's Firebase platform
- Managed team of 4 developers in achieving weekly goals using Asana project management tools

Arrow AI 2.0 – Windows Application November 2016 - Present

- Medical diagnostics software which uses the Microsoft Kinect sensor to analyze gait (walking characteristics) in individuals to identify various diseases
- Responsible for product/software design, business strategy, UI/UX design and software development using C#, .NET, and UWP (Universal Windows Platform)