

Experience

-
- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------|
| Software Developer | HBO | Summer 2018 |
| <ul style="list-style-type: none">Implementing horizontal pod autoscaling based on scraped custom metrics for cost efficiency during peak hoursInstrumenting custom metrics scraping with Prometheus and statsd for Go and Node.js k8s applicationsDeveloping unit tests and creating documentation to ensure HPA implementation can be applied on other apps | | |
| Software Developer | Microsoft | Winter 2018 |
| <ul style="list-style-type: none">Developed and architected a HoloLens application via Unity and Azure based on MVVM w/ command patternImplemented a WebGL web app via PUN to inject commands into the HoloLens whilst syncing the two's statesDesigned and implemented Azure web architecture for data delivery to HoloLens independently | | |
| Cognos Analyst | IBM | Jan 2017 - Aug 2017 |
| <ul style="list-style-type: none">Solved 150+ software issues via research, software log tracing, and trouble-shooting with clientsIdentified, documented, and tested 30+ defects within IBM Cognos; fixed in future iterations of softwareDebugged 2-3 malfunctioning server environments daily, achieved multiple perfect customer evaluations | | |
| Software Engineer | Lamify | May 2016 - Dec 2016 |
| <ul style="list-style-type: none">Implemented landing pages and web applications via Bootstrap and Node.js for company clientsDeveloped webpage component in anti-procrastination Chrome extension, helping boost user base by 25%Performed regression tests and ensured cross-platform functionality for web applications | | |
| Software Developer | Canada Post | Summer 2016 |
| <ul style="list-style-type: none">Implemented Excel VBA fuel usage anomaly detecting macro; monitoring entire 13,000+ vehicle fleet in CanadaExecuted features requested daily by managers, including automated email delivery via Outlook VBASurpassed previous implementation with 95% reduced run time with macro still in-use today | | |

Technologies

-
- Languages:** Python, C#, Go, Java, JavaScript, Swift, Visual Basic
 - Framework/Libraries:** HTML/CSS, Bootstrap, JQuery, Android/iOS, Node.js, React.js, LaTeX, VBA
 - Environment and Tools:** UNIX/Linux, Git/GitHub/VSTS, SVN, Microsoft Azure, Google Cloud Platform, AWS, WordPress, IBM Cognos, Unity, Kubernetes

Education

-
- | | | |
|--------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------|
| Honors Bachelor of Science | University of Toronto | September 2015 - April 2020 |
| <ul style="list-style-type: none">Major: Computer Science - Software Engineering Specialist w/ co-op | | |

Highlighted Projects

-
- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Adder | September 2017 - Present |
| <ul style="list-style-type: none">Developing React mobile app for users to add one another on social media via facial recognition and QR scansLed team of 7 through application design, social media outreach, and SCRUM in early project stage | |
| Air VR | September 2017 |
| <ul style="list-style-type: none">Headed development of flight control simulation using Google Cloud Platform machine learning API on Node.jsDeveloped platform to respond to spoken airline call signs and take off directions with 90% accuracy | |

Awards

-
- Best use of Amazon Web Services:** Awarded to team which best incorporated AWS at Hack Western IV 2017
 - Best use of Google Chrome API:** Awarded to team which build the best Chrome Extension at McHacks 2016
 - University of Toronto Dean's List (2015 - 2016):** Awarded to students achieving cumulative GPA of 3.5 or above