

Experience

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| Software Engineer Intern | Microsoft | Redmond, WA Summer 2019 |
| <ul style="list-style-type: none">Engineered a concurrent scheduler and its accompanying 5 scheduling policies for the Azure .NET apps profilerCreated a scheduling policy which could instantly profile a user's application through the Azure PortalAbstracted an orchestrator for starting/stopping profile sessions and extended it to Windows and Linux profilers | | |
| Software Engineer Intern | HBO | New York City, NY Summer 2018 |
| <ul style="list-style-type: none">Implemented Kubernetes Horizontal Pod autoscaling on custom metrics for 2019 Game of Thrones PremierArchitected a web adapter to receive HPA controller requests and extract Statsd metrics from GraphiteDBDeveloped HTTP endpoints to emit Prometheus scrapable histogram metrics for 5 HBO micro-services | | |
| Software Engineer Intern | Microsoft | Vancouver, BC Winter 2018 |
| <ul style="list-style-type: none">Developed and architected a HoloLens application via Unity and Azure for visualizing 3D cancer tumour dataDesigned a game object that enabled users to filter through 50,000 cell models via keyboard and gesture controlsImplemented a WebGL app to inject keyboard inputs into the HoloLens app while syncing the apps' states | | |
| Cognos Analyst Intern | IBM | Ottawa, ON Winter - Summer 2017 |
| <ul style="list-style-type: none">Solved 150+ client submitted tickets via issue reproduction, software log tracing, and trouble-shooting on phoneFully repaired 2-3 malfunctioning server environments daily, achieved multiple perfect client evaluationsIdentified, documented, and tested 30+ defects within IBM Cognos; fixed in future iterations of software | | |
| Software Engineer | Lamify | Remote Summer 2016 - Winter 2017 |
| <ul style="list-style-type: none">Implemented landing pages and web applications via Bootstrap and Node.js for company clientsDeveloped frontend component in anti-procrastination Chrome extension, which helped boost user base by 25%Performed regression tests and ensured cross-platform functionality for web applications | | |
| Software Developer Intern | Canada Post | Ottawa, ON Summer 2016 |
| <ul style="list-style-type: none">Architected an Excel VBA macro that generates fuel usage anomaly reports for 13,000+ Canada Post vehiclesReduced process runtime by 95% and parsed 12,000+ fuel usage entries in under 12 minutesDeveloped an automatic email routine with Outlook VBA that sends location specific reports to site managers | | |

Technologies

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- Languages:** Python, C#, Go, Java, JavaScript, C
 - Framework/Libraries:** HTML/CSS, Bootstrap, jQuery, Mobile, Node.js, React
 - Environment and Tools:** UNIX/Linux, Git, Azure, Google Cloud, AWS, Unity, Kubernetes, Docker

Education

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

Highlighted Projects

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- omegaLOL:** Built a Python Twitch chat parser that creates stream clips on high chat activity moments
 - shARe:** Integrated AWS DynamoDB for iOS AR app that enabled users to place text bubbles in their surroundings
 - Air VR:** Developed Node.js air traffic tower simulation using Google Cloud voice to text ML model

Awards

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- Telus – Best use of IoT for Sustainable Cities (2019):** Visualized pollution data using Uber's React-Vis framework
 - Riot Games Hackathon: Visualization Tool - Honorable Mention (2018):** Second place for data visualization tool
 - Facebook Coding Challenge (2018):** 5th place out of 50+ in Facebook's HackerRank coding challenge at UofT
 - Best use of Amazon Web Services (2017):** Independently developed AWS architecture at Hack Western IV