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## EXPERIENCE

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|--|---|-----------------------------|
| <b>Software Developer</b>  | <b>deltaStack</b>                             | <b>June 2019 - Present</b>  |
| <ul style="list-style-type: none"><li>• Developed schema models for MongoDB and corresponding API endpoints in JavaScript to create clean and scalable backend architecture for web app, tested in Postman and deployed in Heroku</li><li>• Implemented backend for encrypted password system and authentication security using bcrypt and JSON web tokens, complying to industry security standards for platform to be used internationally</li><li>• Applied Agile methodology when designing project structure, running meetings, and running coding sprints, allowing projects to finish 1 week of client's deadline</li><li>• Strategized and made executive decisions on company's culture, growth direction, and finances</li></ul> |   |                             |
| <b>Business Systems Analyst</b>  | <b>TD Bank</b>                                | <b>May 2019 – Aug 2019</b>  |
| <ul style="list-style-type: none"><li>• Worked on Strategic Risk Management team in Infrastructure and Technology Solutions</li><li>• Developed VBA script that works with intranet site's DOM and HTML to automated various Senior Management approval processes by streamlining workflow to decrease approval turnaround time by 50%</li><li>• Analyzed infrastructure control gaps to reduce workload by identifying themes/alignment with existing open control gaps, allowing project to be completed 3 weeks ahead of schedule</li></ul>   |   |                             |
| <b>VP Academic</b>   | <b>Computer Science Undergraduate Society</b> | <b>Apr 2019 - Present</b>   |
| <ul style="list-style-type: none"><li>• Organized and executed academic themed events and initiatives with 100+ participants such as an industry internship panel and an open source workshop to help Computer Science students excel</li><li>• Managed portfolio of Academic Directors, delegating tasks and promoting efficiency and cooperation within Academic portfolio and rest of society, allowing for completion of event planning 1 week prior to event date</li></ul>   |   |                             |
| <b>Open Source Developer</b>   | <b>BeeWare Project</b>                        | <b>Jun 2018 – Sept 2018</b> |
| <ul style="list-style-type: none"><li>• Built Python main library functions in Java, allowing extra Python functionality to be used on JVM</li><li>• Researched Python documentation and project's codebase to efficiently implement said functions</li><li>• Wrote unit tests in Python allowing 100% of VOC test suite to pass consistently in all machine environments</li><li>• Worked on industry-sized project with large codebase and 160+ contributors to gain knowledge on software engineering practices including DevOps, such as Continuous Integration, smoke testing, and Git workflow</li></ul>   |   |                             |

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## AWARDS

- **Best Healthcare Hack Award (Jan 2018):** Won at DeltaHacks IV, out of 143 teams
- **Professional Engineers of Ontario Scholarship (Oct 2017):** Based on academic success and extracurriculars
- **Best UI/UX Award (Mar 2017):** Won at StarterHacks, out of 71 teams
- **Best Overall Hack, 2nd Place (Jan 2017):** Won at UTSHacks, first ever hackathon participation

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## PROJECTS

- **Hackers Against Dumb Posts** (Python, Java, Clarifai API, Google Cloud): Mobile keyboard plug-in that uses computer vision and sentiment analysis to classify how controversial your social media post might be based on words, topics, and images contained.
- **surgeon-helping-hand** (JavaScript, Arduino, LeapMotion, LeapMotion API): Awarded "Best Healthcare Hack Award". Platform for surgeons to perform remote surgery over the internet by controlling a robotic hand with hand gestures detected by an infrared sensor.

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## EDUCATION

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| <b>Western University</b>  | <b>London, ON</b> | <b>Sept 2017- Apr 2021</b> |
| <ul style="list-style-type: none"><li>• Honors BSc. in Computer Science, Minor in Software Engineering</li></ul> |                   |                            |

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## TECHNOLOGIES & SKILLS

- Java, Python, C/C++, VBA, MySQL, Git, Unix/Ubuntu, Bash, UML, OOD, Automation
- High enthusiasm for learning and challenges, strong problem-solving and analytical skills, clear communicator