

## EDUCATION

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- **University of British Columbia** Vancouver, British Columbia, Canada  
*Bachelor of Applied Science Computer Engineering* Sep 2013 – May 2018

## PROGRAMMING SKILLS

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- **Languages:** C#, Python, Javascript, C, C++, Swift, HTML, CSS, Java, SQL
- **Development:** ASP.NET, React, Flux, Django, Open XML, Tensorflow, Keras, Bulma, Node.js, MySQL, MongoDB, OpenGL, Three.js
- **Software and Hardware:** MATLAB, FPGA, Photoshop, Unity, Blender, Illustrator, Arduino Uno, Raspberry Pi

## EXPERIENCE

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- **Paige Solutions Ltd.** Vancouver, British Columbia, Canada  
*Software Developer* Sep 2016 - Aug 2017
  - Developed an auto-completion tool that provided parameter documentations to help template drafting and cut down lookup time
  - Improved website's visual aspects through color scheme design, layout style, and object interaction on canvas using Materialize, React, and Sass
  - Worked on full stack development of a client-server web application in Django and React
  - Built a PDF sorting tool that scanned and inserted pages to the corresponding file based on the serial number resulting in less manual work required to merge PDFs
  - Created an automated legal document generator to manipulate, draft, and create Word documents and PDFs
- **Deloitte Touche Tohmatsu Certified Public Accountants LLP** Shanghai, China  
*Advisory in Audit-IT Intern* Jul 2015 - Aug 2015
  - Performed general IT risk assessments on computer controls, application controls, and security architecture
  - Wrote 50+ reports and working papers on findings, recommendations, and testing results for each project engagement
  - Facilitated 3 major clients, China Telecom, Shanghai Mihoyo, and SAIC Motor, in improving their system security, accounting process, and technical development
- **Hostven Presents** Vancouver, British Columbia, Canada  
*Website Designer and Marketing Assistant* Aug 2017 - Dec 2017
  - Designed layout and graphics of a gift shop website on Wix platform
  - Managed multiple social media accounts including content creation and photo editing which increased user engagement by 100%

## PROJECTS

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- **Scavenger Hunt**  
*Javascript* Jan 2018
  - Created and deployed a server that kept track of game progress and used Microsoft cognitive services to process images
- **Geocaching Android Application**  
*Java and VHDL* Mar 2016 - Apr 2016
  - Designed the UI and integrated QR and barcode scanning, games, and Google Maps into the application
- **Open Source Graph Search Algorithm Platform**  
*Java* Oct 2015 - Dec 2015
  - Implemented depth limit search and reused DFA in IDA\* using class extension
  - Increased test coverage of the source project by 13% following pull request acceptance