

EDUCATION

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

PROGRAMMING SKILLS

- **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
- **Software and Hardware:** MATLAB, FPGA, Photoshop, Unity, Blender, Illustrator, Arduino Uno, Raspberry Pi

EXPERIENCE

- **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

- **Scavenger Hunt** Jan 2018
Javascript
 - Created and deployed a server that kept track of game progress and used Microsoft cognitive services to process images
- **Geocaching Android Application** Mar 2016 - Apr 2016
Java and VHDL
 - Designed the UI and integrated QR and barcode scanning, games, and Google Maps into the application
- **Open Source Graph Search Algorithm Platform** Oct 2015 - Dec 2015
Java
 - 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