

# Calvin Ho

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## EDUCATION

### **Bachelor of Science, Computer Engineering, Software Program**

2013 - 2018

University of Alberta, Edmonton, AB

Capstone Design Project: Integration of Jobber services with Google Assistant

- Involved handling API and webhooks from specifically Dialogflow and Jobber

## OBJECTIVE

Junior Computer Engineer seeking a position to learn and develop their programming skill. Willing to learn new concepts and skillsets. Have worked with web application development, mobile app development, relational databases, machine learning in MATLAB, and smart assistants.

## HIGHLIGHTS

- 12-months of co-op experience at, University of Alberta, involving data mining with SQL, Python and Ruby
- Experienced with object-oriented programming
- Studied best coding practices and testing
- Proficient and adaptable to both team and independent work environments
- Willing and excited to learn new concepts

## COMPUTER EXPERIENCE

- Proficiently developed core codes with Python, SQL, Java, C, C# and Ruby
- Educated in Prolog, Lisp, MATLAB, XML, CSS3, HTML5, JavaScript, PHP and ASP.NET
- Efficient with SQLite, Git, Android Studios, Microsoft Azure and Visual Studio to develop projects
- Familiar with Windows and Linux operating systems

## EXPERIENCE

### **Research Assistant**

May 2016 – August 2017; May 2017 – December 2017

University of Alberta, Edmonton, AB

- Designed robust code with Python and SQL to create databases that self tested and automatically logged errors
- Willingly self-taught research background on the aerodynamics of freight trains
- Self-studied SQL and relational database to a proficient level for the position before taking courses on the topics
- Prepared large company data sets for genetic algorithms to figure out how to minimize fuel consumption
- Worked effectively with minimal supervision by effectively participating in weekly scrum meetings
- Coherently worked in partnership with an Associate Professor and graduate student to accomplish goals

### **Computer Repair Technician**

January 2016 – April 2016

Alberta Computers for Schools, Edmonton, AB

- Refurbished an intake of recycled computers to be donated to schools
- Installed, tested and configured operating systems, application software, and device drivers
- Troubleshooted computer hardware with diagnostic tools, isolation, research, and manuals
- Effectively assume, Team Lead position, in a small group; as per rotation when preparing orders.

### **AWARDS**

- J Graham Dale Memorial Software Design Prize in Computer Engineering, 2016
- Jason Lang Scholarship, 2016

### **CERTIFICATIONS & MEMBERSHIPS**

- CSTS Certificate, Alberta Construction Safety Association (2018)

### **OTHER INFORMATION**

- Class 5 Graduated Driver's License
- Canadian Citizen
- Enjoy watching hockey
- Enjoy playing dodgeball, softball and chess
- Tendency to join fantasy sports pools
- Casually play DOTA 2
- Experimented in playing the piano and violin

### **REFERENCES AVAILABLE UPON REQUEST**