



Laura Guevara

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## SKILLS

**Programming Languages:** Java, C#, Python, C/C++, QML, XAML, Swift  
**Web Development:** HTML, CSS, JavaScript, Node.js, SQLite, MongoDB  
**Data Science:** Pandas, Numpy, Spark, Julia  
**Version Control:** Git, Subversion, Fossil  
**Operating Systems:** Linux - Ubuntu, macOS, Windows

## EDUCATION

**Simon Fraser University**  
Graduating Apr 2020  
Bachelor of Science  
Major in Computing Science  
CS GPA: 3.44

## WORK EXPERIENCE

### Software Engineering Intern May 2018 - Aug 2018

Microsoft - Garage Internship Program

- Worked with a team of 6 to develop a UWP productivity application using C# and XAML
- Collaborated as the user experience (UX) developer to conceptualize, develop, and ship a product

### Software Engineering Co-op Jan 2017 - Dec 2017

Verathon Medical Canada - Research and Development Department

- Implemented a JavaFX desktop application which allowed clients to modify their GlideScope Go system settings
- Built a shell script with another coworker to perform automatic software upgrades by creating firmware package
- Used QML and C++ knowledge to enhance embedded software which created a better and faster user experience

## PROJECT EXPERIENCE

### Laura's Cup Sep 2018

Personal Project

- Developed a variation of the King's Cup card game using Swift for card-like animations and random card selection

### LIFX Desktop Application May 2017

Personal Project

- Created an application that controls LIFX smart light bulbs using UI design and JavaFX programming skills
- Used HTTP APIs with Python to process backend requests which accelerated response time

### 3D Tic Tac Toe Apr 2018

Introduction to Web Development, SFU

- Applied Node.js and Socket.io to implement an online multiplayer Tic Tac Toe game
- Used MongoDB and JQuery to update users' statistics which enhanced the game as it made it more competitive

### Best Exchange Rate Finder Sep 2017

Personal Project

- Applied Python and Pandas knowledge to find the best exchange rate in Vancouver
- Executed data cleaning methods which parsed and removed websites' irrelevant data to provide clear results

### Timesheet Calculator Feb 2017

NW Hacks Hackathon

- Created a Java program to calculate working hours, starting, and leaving time for corporate time-sheets

### AI Shogi Game (Japanese Chess) Dec 2016

Introduction to Software Engineering, SFU

- Collaborated with 4 classmates to train an AI model that plays Japanese Chess using Julia language and Fossil

## INTERESTS

Ask me about my interests: playing board games, attending hackathons, traveling, and playing soccer