

# GENEVIÈVE LUYT

## EDUCATION

**Bachelor of Software Engineering, 4<sup>th</sup> year**  
University of Victoria

Sept. 2014 to present  
Victoria, BC  
Expected Graduation: 2019

## PROJECTS

### **Uvic Meeting Scheduler (React, Redux, JS, Python, Postgres, CSS, HTML, Semantic UI)**

Personal project. A web application allowing UVic students to look up their courses and the courses of their team mates to find suitable meeting times. The calendar displays the number of conflicts for any time slot.

### **Multiplayer Card Games (Android, Java, Git)**

Personal project. A multiplayer card game application for Android using the Google Play Services API and object-oriented design. The app is available in the Google Play Store in beta mode.

### **Database Schema Visualizer (JavaScript, Flask, Python, HTML, CSS, MySQL, Git, Bootstrap)**

Group project. A web application that attempts to create an abstract entity relationship diagram out of any live MySQL database given its hostname, port, and credentials.

### **Go! Web Application (NodeJS, JavaScript, HTML, CSS)**

Group project. Built the frontend for an AJAX web application for the board game Go. The application has a built-in chat and supports online multiplayer and online single player through the use of an external API.

## WORK HISTORY

### **Software Developer Co-op, AIQ**

2018

- Wrote **Dockerfiles** for an existing web application consisting of multiple components
- Created a **Kubernetes** cluster using **Kops**
- Wrote **YAML** files to create necessary Kubernetes resources for the application
- Wrote **Gitlab CI script** to automate deployment to the Kubernetes cluster
- Implemented feature requests and bug fixes in **Laravel (PHP)**
- Wrote **unit tests** and **functional tests** using Laravel test suite and **PHPUnit**