

EDUCATION

Bachelor of Science University of Western Ontario *Expected Apr 2018*

- Hons. Specialization in Computer Science, Minor in Genetics, major GPA: 3.59, Dean's List (2014, 2015, 2016)

EXPERIENCE

Google Summer of Code Developer cBioPortal for Cancer Genomics *May 2016 – Aug 2016*

- Contributed full-time to cBioPortal, a large open-source genomic data analysis web application.
- Proposed, architected and implemented a faster and more accurate gene symbol querying system.
- Added new features such as a keyword suggester, autocorrect and query color annotation.
- *JavaScript, Java, jQuery*

PROJECTS

Spend Bucket *[spend-bucket.com] [GitHub]*

- Web app to record and tally shared expenses between friends.
- Architected as a single page application interfacing with a RESTful token-authenticated server.
- *Go, Vue.js, JavaScript, MySQL*

Western Timetable Maker *[ttmaker.ca] [GitHub]*

- Web app to compute conflict-free student timetables. Saw 3000+ unique visitors within 2 weeks of launch.
- Optimal schedules are determined based on the user's preferences.
- *JavaScript, Java, Node.js, jQuery; (work towards release v2 uses C++, Vue.js)*

Schulich Dashboard Project (Coursework) *[GitHub]*

- Worked in a group of 6 to add features to an HR data analysis desktop app for the Schulich School of Medicine.
- Incorporated QtCharts into the app, refactored codebase following OOD, various feature improvements.
- *C++, Qt*

Java Weather App (Coursework) *[GitHub]*

- Worked on a desktop app that fetches, analyzes and displays weather data from an online API.
- Demonstrated technical leadership by architecting the app and writing the most code in a group of 6.
- *Java, Swing*

SKILLS

Proficient Languages Java, JavaScript, Go, C, C++, SQL

Technologies Git, Linux(Ubuntu)/Bash, MySQL, Nginx, Maven, HTML, CSS,

Libraries, Frameworks, etc. Node.js, Vue.js, jQuery, Swing, JUnit, Qt, CilkPlus