James Bonifacio

jameslezadabonifacio@gmail.com

613-878-0612   Personal Website: https://jameslbonifacio.github.io/   GitHub: https://github.com/jameslbonifacio

SUMMARY OF QUALIFICATIONS
- **Languages**: Java, Android, C/C++, HTML/CSS, JavaScript
- **Libraries and Frameworks**: jQuery, Bootstrap, Swing, SQLite
- **Platforms**: Android Studio, Git, Eclipse

WORK EXPERIENCE

August 2015 — *Ciena Corporation* — Ottawa, ON
IT Council Technician
- Set-up and upgraded over 50 Linux workstations by replacing internal components and installing new operating systems via network
- Worked with and optimized Windows laptops for over 70 Ciena employees by improving performance and updating existing software
- Installed and managed cables throughout office, setting groundwork for local cloud network

PROJECTS

April 2016 / June 2016 — **Song Archive Desktop Application** — Ottawa, ON
- Desktop Application created using Java Swing and File I/O
- Allows user to store and retrieve lyrics and corresponding guitar tabs with extra functionality of transposing keys and creating lineups

October 2016 — **Study Group Finder** — Waterloo, ON
- Android app created using Java and SQLite for 2016 uWaterloo EngHack Hackathon
- Allows people to find and create study groups by created profiles and displaying available study groups
- Worked in group of 3; Responsible for majority of app and backend development

November 2016 — **Education Web-App** — Waterloo, ON
- A web platform for education created for 2016 Break Inequality Hackathon by Google
- Allows teachers in impoverished nations to manage classrooms and assignments using a website and connect with students via SMS (Twilio REST API)
- Worked in team of 5; Responsible for front-end created with HTML, CSS Bootstrap and JavaScript

December 2016 / present — **Workout App** — Waterloo, ON
- Android workout app which is being created using Java, SQlite
- Guides user through user-selected workout program, providing specific workout and exercise information

January 2017 / present — **Gesture-Controlled 2048 Game** — Waterloo, ON
- Currently working on variant of the popular 2048 using a phone's motion and position sensors to allow various hand gestures for user control
- Being created for Android devices using Java and Android Studio

EXTRACURRICULAR ACTIVITIES

August 2015 — **Shad Valley Alumni** — St. John's, NL
- Attended STEM workshops and lectures at Memorial University of Newfoundland for summer enrichment program for top high school students across Canada
- Worked in a group of 10 to create a wheelchair accessory project along with full business report, won Best Application of Scientific Principles for best research and engineering
- Also worked in large group of 50+ people on fitness and health app. Was personally responsible for marketing and product website design

September 2016 / present — **Midnight Sun Website Refresh Team** — Waterloo, ON
- Researched JavaScript react and other website development tools and languages
- Collaborated and worked with team of 15 students on website development and design planning

EDUCATION

September 2016 / present — **Candidate for Bachelor of Applied Science, Computer Engineering, Honours** — Waterloo, ON
University of Waterloo