

ERIC TWEEDLE

289-686-2226 | emtweedl@edu.uwaterloo.ca | 2B Mechatronics | GitHub: EricTweeds

SKILLS & ABILITIES

- Proficient in JavaScript/HTML/CSS and NodeJS framework
- Experience in Java, Python, C/C++, C#
- Well-read in home networking and wireless connectivity
- Familiar with Linux and Windows operating systems as well as Git version control
- Quick learner, previous supervisor's comment: "[Eric] independently learned the skills needed to complete not only full stack web development but also Android development"

EXPERIENCE

Full-Stack and Android Developer | RouteThis | May – August 2017

- Over 10,000 lines contributed, consisting of JavaScript/HTML/CSS through added features, bug patching and architecture restructuring
- 2000 lines contributed in Java/XML for Android mobile application
- Worked with NodeJS, MongoDB, jQuery and JSON to develop cross-platform features

Quality Assurance and Database Management | RouteThis | September – December 2016

- Developed an algorithm for comparing wireless networks that directly resulted in the signing of two new customers
- Designed a testing procedure for mobile applications (iOS & Android) and SDK

PROJECTS

Home Dashboard | <http://tweedles.life/> | September 2017

- NodeJS web application with Python, JavaScript and Arduino C scripts
- Features: Philips Hue control, Universal TV remote, Router/Device status and more

QuickBooks Tool | <https://github.com/EricTweeds/Quickbooks-Integration-Tool> | June 2017

- Receives a Square sales receipt as a CSV and enters the information into QuickBooks accounting software
- Windows desktop application written in C#/.Net, utilizing QuickBooks's SDK
- Built for Redstone Winery

EDUCATION

Candidate for Bachelor of Applied Science | University of Waterloo | September 2015 – Present

- Major: Honors Mechatronics Engineering
- Related Courses: Data Structures and Algorithms (C++), Real-Time Operating Systems (C)