Emily Hilbig

Computer Engineering | University of Waterloo

905 606 0360
eshilbig@uwaterloo.ca
www.hilbig.me

SKILLS & HIGHLIGHTS

- Creative and efficient software developer
- Experience with Visual Studio, Android Studio
- Hardworking and self-motivated team ate
- Passion for learning and solving problems

LANGUAGES

Java, SQL, PHP, HTML, CSS, C#, JavaScript

FRAMEWORKS & LIBRARIES

RequireJS, AngularJS v 1.6, Handlebars.js, BackboneJS with Marionette, Selenium with Capybara, PHPUnit, Mocha, Chai

EMPLOYMENT HISTORY

Web Development Intern – Achievers Inc.   *Toronto (June '15 – Aug '15)*

Developed backend features in PHP using Service Oriented Architecture Principles
Introduced and implemented front end unit testing for platform using Mocha with Chia assertion library
Planned, designed and developed automated email tool for testing new email templates

Software and QA Automation Intern - Eventmobi   *Toronto (Sept '14 – Dec '14)*

Worked on small QA team writing automated test scripts for new features using RSpec
Solely responsible for overseeing multiple releases of new features and bug fixes
Fixed multiple bugs in PHP code base while carrying out client requests
Used knowledge of web-based programming to contribute to internal deployment tools

Database Analyst - Independent Electricity System   *Oakville (Jan '14 – May '14)*
Operator of Ontario (IESO)

Provided data base administration for the Market Registration team for the Ontario electricity marketplace
Used OOP principles to design, develop, and maintain tools used on a daily basis by the team
Prepared concise documentation for users and future developers

PROJECTS

PaceKeeper

- Mobile Android application that regulates your cardio through music using the Moto 360's heart monitor
- Built with Android's 5.0 APIs including the Android Wear and Google Fit APIs

Path Finding Navigator

- Mobile Android application that helps you get from point a to point b in real time
- Uses the device's sensors in accordance with a low pass filter and recursive, depth first, path finding algorithm

Please visit my GitHub page to view other projects and contributions: *https://github.com/emilyhilbig*

EDUCATION

University of Waterloo   *(Sept '13 – present)*
Candidate for a Bachelor of Applied Science in Computer Engineering

- Relevant courses include: Engineering Design with Embedded Systems (Android programming),
  Data Structures and Algorithms, Digital Circuits and Systems, Discrete Mathematics

ACTIVITIES & INTERESTS

Volleyball • Basketball • Hackathons • Football • Snowboarding • Running • LOTR Marathons • Yoga