

# Emily Hilbig

2A Electrical Engineering | University of Waterloo

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www.hilbig.me

## SKILLS AND HIGHLIGHTS

- Creative and efficient software developer
- Proficient in Java, C#, SQL, HTML, CSS, JavaScript
- Experience with Eclipse, Visual Studio, Android Studio
- Hardworking and self-motivated team member
- Passion for learning and solving problems

## JOB OBJECTIVE

To be challenged in my field while learning as much as possible.

## EMPLOYMENT HISTORY

### 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 Operator of Ontario (IESO)

*Oakville (Jan '14 – May '14)*

- 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

Feel free to 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 Electrical Engineering

- Relevant courses: Engineering Design with Embedded Systems (Android programming), Fundamentals of Programming, Digital Circuits and Systems, Discrete Mathematics

## ACTIVITIES AND INTERESTS

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