

Emily Hilbig

Computer Engineering I University of Waterloo

Expected Graduation: June, 2019

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emilyhilbig.com

SKILLS & HIGHLIGHTS

- Creative and efficient software developer
- Passion for learning new technologies
- Diverse set of technical and non-technical skills
- Hardworking and self-motivated teammate

LANGUAGES

Java, Python, C#,
SQL, HTML, CSS,
JavaScript, Node
VHDL, c++, PHP

FRAMEWORKS & LIBRARIES

RequireJS, AngularJS 1.6, Spring
codeigniter, Handlebars, Backbone.js
with Marionette, Selenium with
Capybara, PHPUnit, Mocha, Chai

EMPLOYMENT HISTORY

Software Developer – A9.com (Amazon)

Palo Alto (Sept '18 – Present)

- Developing micro services and front-end tooling for Amazon's Ad Exchange Server on A9's AdTech team
- Designing reliable, large-scale, distributed solutions while managing deployment pipelines
- Implementing indexing and analysis of the server's data using ElasticSearch and Kibana

Full Stack Developer – D2L

Kitchener (Jan '18 – Apr '18)

- Delivered multiple client-facing features to improve D2L's primary corporate products
- Developed and tested end-to-end features using ElasticSearch, NodeJS, and Google's Polymer library
- Designed back-end micro services in AWS such as: ElasticSearch, Lambda, and DynamoDB
- Created pipelines to deploy, test, and monitor services in AWS using Travis, Serverless, and CloudWatch

Product Manager – Horizn Studios Inc.

Toronto (May '17 – Aug '17)

- Owned the product development of simultaneous projects across multiple diverse client portfolios
- Created sprints and updated developers across all teams in order to deliver features and meet deadlines
- Analyzed reporting systems to develop metric tracking of KPI's for multiple clients and automate reports

Manufacturing Controls Automation – Ontario Die International

Kitchener (Sept '16 – Dec'16)

- Constructed algorithms to greatly improve the accuracy of ODI's die manufacturing process in real time
- Created machine vision programs to test manufacturing prototypes using the Keyence XG vision system
- Designed libraries to interface with the Keyence XG system using networking protocols (FTP & TCP/IP)

Full Stack Developer – Achievers Inc. (8 months)

Toronto (May '15 – Apr '16)

- Developed and debugged features implemented in LAMP with a Backbone.js and React frontend
- Contributed to release planning: created sprint tasks, stories and time estimates for client facing features
- Planned, designed and developed automated email tool for testing new email templates

Software and QA Automation – Eventmobi

Toronto (Sept '14 – Dec '14)

- Wrote automated test scripts for new features using RSpec and contributed to internal deployment tools
- Solely responsible for overseeing multiple releases of new features and bug fixes
- Fixed multiple bugs in PHP code base while carrying out client requests

PROJECTS [\[github://emilyhilbig\]](https://github.com/emilyhilbig)

MealA

Mobile android application that allows macro- to create daily/weekly meal plans using Native and Maven APIs and Firebase. Accepted to the Google Play store.

deckD

Portable, AR tool for providing concussion baseline testing. Uses IoT network of android and OpenMV devices, to track and analyze eye movements.

EDUCATION

University of Waterloo

Candidate for a Bachelor of Applied Science in Computer Engineering

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