

# MARIN ABERNETHY

FULLSTACK SOFTWARE ENGINEER

## EXPERIENCE

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### FREELANCE FULLSTACK ENGINEER

Marin Alice Apps / June, 2018 - Present

I design and development web applications, creating effective solutions for local and international startup clients as a freelance consultant.

- ◆ Engage clients, solicit project scope and business requirements, and translate need into functional specifications.
- ◆ Tech stack includes React, Express, MongoDB, Jekyll, and Liquid.

### SOFTWARE DEVELOPER

DockYard, Inc. / June, 2014 - June, 2016

DockYard is a consultancy providing design and development of web, desktop, and mobile applications. While working there, I implemented quality solutions for clients, including Flywheel, McGraw-Hill Education, and Society of Grownups.

- ◆ Developed software in an Agile environment, collaborating with designers, PMs, QA teams, clients, and fellow engineers to build holistic user experiences.
- ◆ Evaluated code to ensure it was valid, properly structured, meets industry standards and compatible across platforms.
- ◆ Trained client engineering teams on solution technology and best practices to guarantee seamless and effective application launch and ongoing success.
- ◆ Tech stack included Ember, Elixir, Phoenix, and PostgreSQL.

### SOFTWARE DEVELOPER INTERN

DockYard, Inc. / June, 2013 - January, 2014

I reviewed architecture and development best practices under senior staff tutelage and pair programmed with senior developers on corporate and startup client projects.

- ◆ Managed company open source projects supporting Ruby on Rails.
- ◆ Tech stack included Ruby on Rails, JavaScript, and PostgreSQL.

## PUBLICATIONS

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- ◆ "ParallelAR: An augmented reality app and instructional approach for learning parallel programming scheduling concepts." *2018 IEEE International Parallel and Distributed Processing Symposium Workshops (IPDPSW)*. IEEE, 2018.
- ◆ "Signal to emotion: an experiment on player experience evaluation with a consumer-grade EEG device." *Proceedings of the 29th Australian Conference on Computer-Human Interaction*. ACM, 2017.

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## PROFESSIONAL PROFILE

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A quick learner with 3 years of experience, a solid educational background, and strong interpersonal skills. I love the entire creative process and thrive in a team environment where coffee and crosswords abound.

## EDUCATION

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### MASTERS / SOFTWARE ENGINEERING

University of Auckland, NZ  
2016 - 2018

GPA: 4.0, First Class Honors

### BA / INTERDISCIPLINARY COMPUTING & ECONOMICS

Trinity College, Hartford  
2010 - 2014

GPA: 3.7, cum laude

## SKILLS

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JavaScript / Ember / React

MongoDB / Mongoose

Ruby / Rails

Node

HTML / SCSS

SQL / PostgreSQL

Elixir / Phoenix

Git / Github

Vim