

EDUCATION

Master of Software Engineering

The University of Auckland | Auckland, NZ | 2018

- First Class Honors (GPA: 4.0 - converted), Publications: see below.

BA, Interdisciplinary Computing & Economics

Trinity College | Hartford, CT | 2014

- Honors: cum laude (GPA: 3.7), Minor: Studio Arts.

PUBLICATIONS

- "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.

EXPERIENCE

Freelance Web Designer & Developer

Marin Alice Apps | Boston, MA | 6/2018 - Present

- Managed website design and development projects creating innovative and effective solutions for local and international startup clients as a freelance consultant.
- Engaged clients, solicited project scope and business requirements, and translated need into functional specifications.
- Tech stack includes React, Express, MongoDB, and Jekyll.

Software Developer

DockYard, Inc. | Boston, MA | 6/2014 - 6/2016

- Architected and implemented quality solutions for clients, including Flywheel, McGraw-Hill Education, and Society of Grownups, as a developer of the consultancy providing design and development of web, desktop, and mobile applications.
- Developed software utilizing Agile methodologies in collaboration with designers, product managers, QA teams, clients, and fellow engineers to build holistic user experiences.
- Augmented and trained client engineering teams to sharpen their skills and ensure best practices
- 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, Pheonix, and PostgreSQL.

Software Developer Intern

DockYard, Inc. | Boston, MA | 6/2013 - 1/2014

- Reviewed design and development solutions 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.

SKILLS

Programming JavaScript | Ember | Java | Ruby on Rails | React | Node | MongoDB | Unity3D |

HTML/SCSS | PostgreSQL | Elixir | Phoenix | TDD | Pair Programming | RESTful Architecture

General Agile Methodologies | Cross-functional Communication | Adaptive Problem-solving |

Software Development Life Cycle Expertise | Effective Client Engagement | Strong Work Ethic

Tools Git | Vim | Eclipse | Jira | Asana | Sketch