

Website: http://amaziying.me

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Product-oriented and test-driven Systems Design Engineer looking to make a difference in the tech and wider community.

Software Engineering Technologies Object-oriented JavaScript, C++, with exposure to Python AngularJS, BackboneJS, Node.js, MongoDB, Cassandra

EXPERIENCE

Software Engineering Intern

Reflektion, Inc.

May 2015 - Sept. 2015 San Mateo, CA

- Developed customer-facing dashboard end-to-end using AngularJS, Node.js, Cassandra, and MongoDB
- Prime implementer for Jasmine unit-testing across the stack to ensure quality and accountability amongst developers

Undergraduate Research Assistant

University of Waterloo

Jan. 2015 – Apr. 2015

Waterloo, ON

- Awarded \$1500 scholarship for part-time research under Dr. Chris Eliasmith for the Nengo neural simulator
- Developed visualization and simulation UI for neural networks using D3.js, and various front-end technologies

UI Development Intern

Genesys

Aug. 2014 - Dec. 2014

Toronto, ON

- Developed modern UI for Genesys' core enterprise administrative application in Backbone.js, jQuery, and Jasmine
- Drove efforts to implement and automate unit tests into existing web app to encourage test-driven development

Lead Developer

Nspire Innovation Network (non-profit)

Aug. 2014 – May 2015

Toronto, ON

Designed and developed NBTC 2015 website using AngularJS (http://nbtc.nspire.org)

Email Development/Production Intern

Indigo Books and Music, Inc.

Jan. 2014 – Apr. 2014

Toronto, ON

- Produced marketing emails deployed to over a million users at a time
- Executed A/B tests that solidified design decisions to increase click-through rate on links by up to 8%

PROJECTS

Patient CareNect

YHack '14 - Yale University

 Architected and developed application around Microsoft Kinect to allow healthcare patients to contact caretakers or family using custom hand gestures and/or voice commands

The Pebble Runner (published on Pebble App store)

Hack the North '14 - University of Waterloo

Designed and developed Pebble watchface with custom pedometer algorithm that tracks user steps in device's memory

EDUCATION

Candidate for BASc in Systems Design Engineering University of Waterloo

Sept. 2013 - Apr. 2018

- President's Scholarship of Distinction, President's Research & International Experience Award
- Relevant courses: Digital Computation, Data Structures and Algorithms, Human Factors Design Engineering

INTERESTS