Yongli Jiang

yonglij.github.io · yonglijiang0@gmail.com · (647) 569 8446

Learning is my passion. I want to help spread the value of learning through technology. I have a creative mind to solve engineering problems and I strive to write simple, and elegant code.

Experience

Software Developer At Loyalty One, Toronto   May 2017- Aug2017

- Implemented customer facing features and optimized RESTFUL API DynamoDB queries by caching and indexing
- Utilized design patterns and refactored code to improve reusability, reduce complexity and improved page load times by 30%

SDE Intern At Amazon.com, Seattle   Sept 2016 – Dec 2016

- Designed, coded, and shipped a feature identification feature as part of an auditing tool that greatly improved turnaround time of accessibility fixes (Java, EC2, S3)
- Investigated new requirements for validating accessibility of images and alt text through optical character recognition techniques. (A9 Visual Search)

Full Stack Developer At Stackup, Singapore   Jan 2016 – Apr 2016

- Lectured and Coached 15 students in Full stack development using MEAN stack
- Designed and built company website and CMS that also served as course material

Software Test Engineering At Sesamehq, Waterloo   Jun 2015 – Aug 2015

- Performed integration and unit testing for code base and REST API endpoints, with up to 95% coverage. (Python, Django)

Business Analyst At Scotiabank, Toronto   Sept 2013 – May 2014

- Design, built and shipped a time tracking and report management tool, used by a team of 50 users (VBA, Excel, Access, Sharepoint and VBA)
- Developed automation tool for internal clients that removed the need for them to work night shifts

Projects

Mood Journal (mood-journal.herokuapp.com)

- Web and IOS app for mood tracking built with MEAN stack and Swift. Analyze mood on graphs with over 7 parameters and identify trends to improve overall happiness

Alexa App Developer

- Built various apps for Amazon Alexa such a Recommend a Book, Story Teller, Fast Number

Education

University of Waterloo – Candidate for Bachelor of Computer Science, Coop, 2017

Skills

- Languages: Java, Python, HTML5, CSS3, Javascript, SQL, Git
- Technologies: MEAN Stack, AWS services (EC2, DynamoDB, Lambda)