

Reginald Tan
Blog: redgetan.cc
Github: <https://github.com/redgetan>

Montreal, QC
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Skills

Languages: Node.js, Javascript, Ruby, C#, Java, Swift, C/C++, x86 Assembly
Tools: React, Express, Ruby on Rails, Unity, iOS/Android SDK, Redis, MySQL, gdb

Experience

Game Developer, Self-Employed

Jan 2020 - Present

I built 3 online multiplayer games totalling around 50k monthly active players. Front-end is built with Pixi.js for the web version and Unity for iOS/Android versions. Back-end is built using Node.js, Websockets, and protocol buffers.

Tools: Node.js, C#, Unity, Pixi.js, Websockets, Kubernetes, HTML5 Canvas

Software Developer, Docspring (Remote)

Jun 2019 - Dec 2019

I was contracted to help add features to a PDF Generation tool based on Ruby on Rails, React and Redux. Heavily used unit/integration/end-to-end (selenium) testing. Worked a lot with PDF internal file format to fix rendering problems with different pdf readers.

Tools: React, Redux, Ruby on Rails, Selenium, Docker

Software Developer, Entertainment One, Toronto, ON

Aug 2017 - Apr 2018

I developed tools for our VR distribution platform both in the front-end and back-end. I was involved in making a custom video player work for iOS Safari and Android Browsers as well as other platform related tasks. Also volunteered to help the iOS team speed up feature development.

Tools: JavaScript, Node.js, Angular2, iOS, TypeScript, Swift, webpack

Software Developer, Bard.co, Toronto, ON

Jul 2016 - May 2017

I built and released a native Android/iOS video remix app. Garnered around ~30k users and was featured in several review sites such as androidpolice. I performed bandwidth optimizations and improved efficiency of server requests via CDN and Memcache.

Tools: Swift 2.3, Realm, Alamofire, Firebase Real-time Database, Android SDK, Node.js, SQS

Software Developer, Financeit, Toronto, ON

Oct 2013 - Jan 2015

I worked on a Ruby on Rails SaaS platform for consumer lending. I had to manage a system that involves scheduled ETF payments, Arrears, and reports integration with Canadian banks.

Tools: Ruby on Rails, Javascript, jQuery, Coffeescript, Backbone.js, Stripe

Education

Concordia University, Graduate Program in Computer Science
University of Toronto, Bachelor of Commerce

Sep 2012 - Aug 2013
Sep 2008 - May 2011