Reginald Tan   Montreal, QC
http://redgetan.cc/   redge.tan@gmail.com

Experience

Generative AI Consultant, Yomu Labs Inc   Jun 2023 - Present
- Built a Text-to-Video/Image-to-Video Talking Avatar Service. Architected a horizontally scalable GPU inference setup, and went from idea to launch in 1 month with over 3.5k views
- Architected a Stable Diffusion DreamBooth service using AWS where users can remix AI photos
- Tools: Python, Torch, Stable Diffusion, OpenCV, Next.js, React, Modal

React Native Contractor, Promptworks (Remote)   Jan 2022 - Jun 2022
- React Native work w/ grocery delivery company. Used internal company design system to implement desktop/mobile friendly features with accompanying unit and integration tests.
- Tools: React Native, Node.js, GraphQL, Jest, Appium, Datadog, Figma

Game Developer, Self-Employed   Jan 2020 - Feb 2022
- Built 4 online multiplayer games totalling around 50k monthly active players. Back-end is built using Node.js, Websockets, and protocol buffers.
- Tools: Node.js, C#, Unity, Python, Pixi.js, Websockets, Kubernetes, HTML5 Canvas

React Native Developer, Pennywhale LLC (Remote)   Jul 2021 - Dec 2021
- Accelerated Ruby + React Native development of a live streaming video app for fans and celebrities. Also responsible for handling Android specific features.
- Tools: Ruby on Rails, React Native, GraphQL, Apollo, Redux, Stripe

Ruby on Rails Developer, Docspring (Remote)   Jun 2019 - Dec 2019
- Contracted to help add features to a PDF Generation tool based on Ruby on Rails, React and Redux. Worked a lot with PDF internal file format to fix rendering problems with different pdf readers.
- Tools: Ruby on Rails 5, React, Redux, 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.
- Tools: JavaScript, Node.js, Angular2, iOS, TypeScript, Swift, webpack

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 3, Javascript, jQuery, Coffeescript, Backbone.js, Stripe

Education

Concordia University, Graduate Program in Computer Science   Sep 2012 - Aug 2013
University of Toronto, Bachelor of Commerce   Sep 2008 - May 2011