Justin Toh

WORK EXPERIENCE

ARISTA NETWORKS
Burnaby BC, Canada

Software Engineer — June 2018 - Current

Software Engineering Intern — May 2017 - Aug 2017

Golang, gRPC, React, Redux, TypeScript, WebSockets

- Worked on CVP (CloudVision Portal) - real-time network telemetry & management platform.
- Developed a network management controller for managing device configs, ACLs & L2/L3 traffic steering policies across tap aggregation switch clusters.
- Built server-side agents to compute real-time metrics & aggregate data across various sources for speeding up application performance.
- Designed & implemented gRPC services for CVP's network provisioning & configuration management system.
- Led the frontend organization in the adoption of E2E testing with Cypress: evaluated various testing frameworks, extended existing test infrastructure & tooling, wrote & maintained E2E testing guide, provided support for testing-related issues as a SME.
- Carried out live product demos for external clients & stakeholders.

VISENZE
Singapore

Software Engineering Intern — Dec 2017 - Jan 2018

Angular, Java, Spring Boot, MySQL

LEDGERDOCS
North Vancouver BC, Canada

Web Application Developer Co-op — May 2016 - Aug 2016

JavaScript, jQuery, PHP, CodeIgniter, MySQL

REPUBLIC OF SINGAPORE AIR FORCE
Singapore

163 Squadron - Tactical Control Officer — Jan 2012 - Dec 2012

PROJECTS

AEGIS https://github.com/tohjustin/aegis
SVG badge generation service for Github READMEs

Golang

CHRONOS https://github.com/tohjustin/chronos
Browser extension for visualizing web browsing activity

TypeScript, React, Redux, D3.js, IndexedDB

DATAFOX Undergraduate Capstone Project
Restaurant Analytics Platform (partnership with Foodee Inc.)

Ember.js, Node.js, PostgreSQL, RabbitMQ, Heroku

- Built an analytics platform for visualizing restaurant order data.
- Led the visual design & implementation of the analytics dashboard.

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA
BASc Computer Engineering with Distinction

Cummulative GPA: 4.3/4.33
May 2018

SKILLS

D3.js • Golang • gRPC • JavaScript • React • Redux • TypeScript • Webpack • Websockets

CONTACT

tohjustin@hotmail.com

tohjustin.github.io
github.com/tohjustin
linkedin.com/in/tohjustin