

# 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** <https://tohjustin.github.io/dist/datafox.pdf>

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

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