

ANTHONY LEUNG

3A BACHELOR OF COMPUTER SCIENCE

(226)-505-3775 TH4LEUNG@EDU.UWATERLOO.CA GITHUB.COM/ANTHONYTHLEUNG

WORK EXPERIENCES

Auvik Networks

Sept 18

Software Developer

- Researched and implemented gRPC Network Management Interface (gNMI) server with multitenant capability in Go
- Designed and implemented a Kafka Streams like stream-processing framework in Go based on Goka, Shopify Sarama, and LevelDB

Bespoke Metrics

Jan 18

Front-End Developer

- Redesigned JSON based dynamically generated forms front-end using Redux-Form
- Implemented new features and widgets using React, Redux, and Redux-Saga

BlueRover

May 17

Full Stack Software Engineer

- Created various dynamically generated reports using D3.js, React and Material-UI
 - Built service to generate and analyze data for reports using Node and MySQL
 - Implemented server to communicate with IOT devices and broadcast parsed information using MQTT, RabbitMQ, and Protobuf
 - Designed module to dynamically bundle React components to build based on configuration
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PROJECTS

Konfik [GITHUB.COM/ANTHONYTHLEUNG/KONFIK](https://github.com/AnthonyThleung/konfik)

- Terminal based dotfiles manager written in Go using a single YAML configuration file

GoChat [GITHUB.COM/ANTHONYTHLEUNG/GOCHAT](https://github.com/AnthonyThleung/gochat)

- Scalable chat platform written in Go
- Designed using microservices architecture with REST API and gRPC
- Bidirectional communication with JavaScript based web client using WebSocket
- Logging, searching, and analytics with Cassandra and Elasticsearch

Spotify-Match

- Cross-platform Windows, Mac, and Linux application designed using Electron
 - Interactive UI designed with React and Bootstrap
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EDUCATION

Candidate for Bachelor of Computer Science, CS.

University of Waterloo

Sept 2016

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Present