

# ANTHONY LEUNG

2B BACHELOR OF COMPUTER SCIENCE

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## WORK EXPERIENCES

### 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

March 17

*Full Stack Software Engineer*

- Created various dynamically generated reports utilizing 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/ANTSECLIPSE/KONFIK

- Terminal based dotfiles manager written in Go

### GoChat   GITHUB.COM/ANTSECLIPSE/GOCHAT

- Scalable chat platform written in Go
- Designed using microservices architecture with REST API and gRPC
- High performance 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