

# rohan kumar

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/rohank99   
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rohank99.github.io 

## education

- University of Waterloo - 2A Computer Engineering

## technologies

- C++, C, Javascript, Python, Bash, HTML, CSS
- Node.js, Angular.js, Flask, Django, Express, MongoDB, Postgres, ClickhouseDB

## experience

### CANARIE Software Developer

Ottawa | May 2018 - Present

- Developed an automated service to understand **network utilization** through netflows
- Constructed client facing form supporting **30+** unique combinations using angular.js
- Built an API in Go to support **concurrent** long running **processes** to the Clickhouse DB
- Implemented **CRON** job on Django to perform and cache Clickhouse query results

### Watonomous Software Interface Management

Waterloo | Jan 2018 - Apr 2018

- Automated process of configuring development environment **saving hours weekly**
- Configured and **optimized** YAML files to increase build **pipeline efficiency**
- Enabled **unit testing framework** in CMake to ease development process

### TekTorch Solutions Software Developer

Australia (remote) | Jul 2017 - Aug 2017

- Provided backend support building a blog REST API using **Node, Express and MongoDB**
- Developed site for **launch** of Mathive on the app store (<http://mathive.com.au>)

## projects

### Epoch Fitbit Watch Face

May 2018 - Present

- Created a Fitbit watch face in **Fitbit Studio** using ES6 and Open Weather API
- **2,000+** downloads globally with consistent **daily user growth** and positive feedback
- Supports **micro interactions** and fluid design for enhanced user experience

### Reddit Sentimenter Hack Western

Sponsor Award | Nov 2017

- Media **marketing tool** that recommends what users should add to their images to receive more positive comments
- Utilizes **Indico's** sentiment API and **IBM Watson's** object detection for data abstraction

### BeerKart Hack the North

Sept 2017

- Web app that **crowdsources** the return of bottles, rewarding the user with cash
- App built with **Flask**, utilizing **CockroachDB** for storage and **Firebase** for authentication