

# Andy Bui

github.com/Tricktionary  
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## EXPERIENCE

### Ruby on Rails Developer, Ottawa ON — *Blindside Networks*

MAY 2019 - August 2019

- Developed and deployed a **Ruby on Rails** application used to monitor user logs on **Google Cloud Platform** from the ground up
- Generated reports using **SQL** queries in order to identify at-risk users during a video conference with live and historical data

### Software Engineering CO-OP, Toronto ON — *Scotiabank*

SEPTEMBER 2018 - DECEMBER 2018

- Developed, maintained and deployed **Spring Boot/Vue.JS** application to **Google Cloud Platform** and **Pivotal Cloud Platform**
- Added **I18N** and **Google Analytics** support to applications in the bank
- Optimize the run time of SQL query from **11 to 1 second** and created a unit test for my optimizations in order to achieve proper code coverage and functionality

### Full-Stack Developer Intern, New York NY — *ScholarMe*

MAY 2018 - AUGUST 2018

- Developed, maintained and deployed core **Django/Vue.JS** application
- Created models and migrations in the database and made these design decisions so that the relational model would be consistent and logical
- Gave critical opinions on many-core design decisions about the application such as UI/UX and wrote documentation and test for all code written
- Scaled core application from **0 to 30,000 users**

## EDUCATION

### Carleton University, Ottawa ON — *BCS of Computer Science, Co-op*

SEPTEMBER 2015 - APRIL 2020

- Dean's Honour List 2016, 2017, 2018, 2019

## PROJECTS (See more on Github)

### Bandersnatch— <https://github.com/Tricktionary/Bandersnatch>

- A remake of Black Mirror: Bandersnatch, a choose your own adventure game. This game supports multiple users and an authentication flow.
- Technologies: Django, SQLite3, Javascript, HTML

### Shop GraphQL API — <https://github.com/Tricktionary/Shop-GraphQL-API>

- An API that manages user transactions of products and inventory. The API applies simple business logic revolving around inventory and budget.
- Technologies: Ruby on Rails, SQLite3, GraphQL

## PROGRAMMING LANGUAGES

Python, Ruby, Javascript, Java, C++, SQL

## WEB TECHNOLOGIES

Django, Ruby on Rails, Vue.js, Redis, React.js, Node.js, GraphQL

## DEPLOYMENT

Docker, Google Cloud Platform

## EXTRA-CURRICULAR

Carleton Computer Science Society Member

Carleton Climbing Club

Best Business Plan CU Hatching 2017

enLight Hackference 2017 Finalist

MLH Local Hack Day 2017

MLH uOttHack 2018 Hacker

MLH CUHacking 2018 Volunteer

Google Cloud Relay 2019

MLH uOttHack 2019 Hacker