

# STEVEN FANG

Data Analyst and Software Developer

Unionville, ON | 613.621.2318 | [linkedin.com/in/steven-fang/](https://www.linkedin.com/in/steven-fang/) | [github.com/stevenfangcu](https://github.com/stevenfangcu)

## SUMMARY

Data enthusiast passionate about machine learning and computer system security, actively looking for opportunities as a junior developer. A self-starter and team player with a demonstrated history working in application development and machine learning. Advanced proficiency in writing code, reading others' code and a strong ability to learn a language quickly.

## EXPERIENCE

### Data Analyst

Department of National Defense, DRCD - Ottawa, ON  
May 2019 - Sept 2019

- Worked in a small team of three developers; took an existing database and built a classification algorithm
- Cleaned the data of noise and used feature extraction on text-based data
- Use of supervised and unsupervised machine learning algorithms to predict, cluster, and classify the database

## SKILLS

Proficient in: Python, C, C++, C# and Java

Intermediate in: HTML, CSS and JavaScript

Experienced with: MVS, MS Excel, Word and Outlook

## EDUCATION

### Bachelor of Computer Science

Carleton University - Ottawa, ON  
Sept 2014 - December 2019

- **Operating System (A):** Use of low level Linux services and kernel extensions and the basic use of virtual-machine cloud architectures
- **Databases (A-):** Learnt relational algebra, SQL language and database management systems (storage and indexing)
- **Computer Science Security (A-):** Learnt password cracking, offline and online attacks, web, browser and software security, firewalls and network-based attacks

## PROJECTS

### [AutoClicker](#)

Made in Java, used multithreading to keep track of background events

### [Machine Learning](#)

Made in Python, used supervised and unsupervised machine learning algorithms. The training set of data in CSV format were manipulated and cleaned for feature extraction