PETER ZHU

Software Developer

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EXPERIENCE

Privacy/Trust RnD Developer Intern Shopify

- · Contributed to kafka-scrubber, a Go project that obfuscates PII (personally identif able information) from Kafka topics before data is placed in long term
- · Designed, prototyped, and implemented a security-oriented microservice platform called minerva-bot. This platform is architected in a component based Ruby on Rails architecture, allowing for loosely coupled components while decreasing development time. The bot performs various services for compliance purposes, along with automating tasks such as account permission requests and multi-factor authentication resets.

May 2018 - August 2018

Ottawa, ON

Security DevOps Engineer Intern Shopify

- · Worked with Ruby on Rails to f x security vulnerabilities in critical components of Shopify, including authentication and API.
- · Rebooted an internal project at Shopify called push-scraper, which detects secrets (such as API keys/tokens, passwords, etc.) that get accidentally committed onto GitHub.

June 2017 - September 2017

Ottawa, ON

Contract Software Developer Conlingo

- · Contract software developer for a small startup in Ottawa.
- Responsible for developing backend (written in Java) and a frontend Android

December 2016 - April 2017

Ottawa, ON

PERSONAL PROJECTS

Computer Science Club Online Judge Earl of March Secondary School

- · Technologies: Ruby on Rails, Delayed::Job, Paperdip, Devise, Firejail (seccomp)
- · Online judge used to automate judging of programming contests. Written for the Computer Science club, it was used for an inter school programming contest in February of 2017. The judge supports submissions in C++, Java, and Python.
- GitHub Link: https://github.com/peterzhu2118/onlinejudge
- · Project Link: http://onlinejudge.peterzhu.ca/ (Username: test@test.com, password: testing)

September 2016 - February 2017

Ottawa, ON

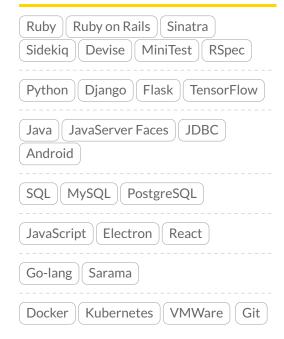
EXTRACURRICULAR ACTIVITY

Computer Science Club, President Earl of March S.S.

· President of High School programming club. Taught members basics of programming as well as competitive programming.

Ottawa, ON

SKILLS



EDUCATION

B.Sc., Computer Science University of Toronto

GPA: 3.86/4.0

2017-2021

♥ Toronto, ON

AWARDS & CERTIFICATIONS

Canadian Computing Olympiad Bronze Medallist University of Waterloo

· Invited to the University of Waterloo as one of the top 30 contestants (of more than 3000) of the Canadian Computing Contest.

May 2017

Waterloo, ON

Oracle Certified Professional, Java SE7 Programmer Orade Certif cations

License: 2400371090CPJSE7

Ottawa, ON

Oracle Certified Associate. Java SE7 Programmer Oracle Certifications

License: 2400371090CAJSE7

Ottawa, ON

CompTIA A+ ce CompTIA

License: 6VJSGELG1KQ4QRWL

September 2015

Ottawa, ON