

Gabrielle Ong

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Work Experience

Amazon Web Services - Cloud Architect Intern

Singapore

PUBLIC SECTOR PROFESSIONAL SERVICES

Aug 2020 – Dec 2020

- In a team of 4 for a government client - built multi-account AWS infrastructure for networking, security, logging to host applications
- In a team of 10 for a defence agency - wrote overall documentation and conducted user acceptance testing
- Conducted on-site engagements with customers for implementation and handover

Bell Canada - Site Reliability Engineering Intern

Toronto, Canada

CANADA'S LARGEST TELECOMMUNICATIONS COMPANY

May 2019 – Aug 2019

- Built scripts and GUI for operators to resolve errors in video processing assembly line (Python, C, ASP.net, MySQL)
- Built metrics pipeline and dashboards to assess performance contractual obligations (New Relic)
- Reduced daily errors by 30% by automating high volume error fixes
- Reduced operator ticket resolution time by 60% via parallel workflows with Slack Bots

TradeGecko (acquired by Intuit, 2020) - Software Engineer, Full time

Singapore

INVENTORY MANAGEMENT SOFTWARE-AS-A-SERVICE COMPANY

Oct 2016 – Nov 2017

- Built full-stack features for eCommerce platform including architecture design, database migrations, testing, deployment (Ember.js, Ruby on Rails, PostgreSQL, Redis, Heroku)
- Optimized database queries, reduce response time by 60% via asynchronous API in Rails
- Implemented new UX for a partner's portal, increased referrals by 50%
- On hiring panel for Engineering Manager position

General Assembly - Web Development Bootcamp Teaching Assistant

Singapore

GENERAL ASSEMBLY PROVIDES HANDS ON TECH EDUCATION FOR ADULTS

Feb 2016 – Aug 2016

- Selected as top student to be teaching assistant for next cohort of 20 adults
- Conducted lessons, hands-on-labs, coached students in technical projects

Education

University of Toronto

Toronto, Canada

COMPUTER SCIENCE MAJOR, BUSINESS MINOR

2018 – 2022 (expected)

- Teaching Assistant - Introduction to Programming II (160 students)
- CS Courses: Systems Programming, Computer Organization, Algorithms, Software Engineering, Deep Learning
- Business Courses: Accounting, Finance, Marketing, Technology Strategy
- Current Courses: Reinforcement Learning, Computer Vision

TavTech - Artificial Intelligence Fellow

Tel Aviv, Israel

FUNDED FELLOWSHIP FOR 2 MONTHS IN ISRAEL'S TECHNOLOGY ECOSYSTEM

2017 – 2018

- Learnt and built models for image processing & NLP
- Won "Audience Favourite Hack" out of 10 teams for Face Reality - sketch-to-photo app for forensic investigation. Trained a Generative Adversarial Network, integrated into a Django web app

Skills

Languages: Python, Ruby, Javascript, Java, SQL, Bash

Frameworks: Ruby on Rails, Ember.js, PostgreSQL, Amazon Web Services

Machine Learning: Numpy, Pytorch, Tensorflow, Keras

Best Practices: Git, CI/CD, Agile, Scrum, Test Driven Development

Recognition

2020 **AWS Certified - Machine Learning Specialty**

2020 **AWS Certified - Cloud Practitioner**

2017 **Ruby Conference, Malaysia - Speaker** Lightning Talk - Programming like an Athlete

2016 **Facebook x Girls in Tech Hackathon - Best all round Hack** Interactive donations portal (AngularJS, Firebase)