

# Eric Li

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## WORK EXPERIENCE

### Amazon

Remote

*Software Development Engineer Intern* | Java, AWS (Including: Redshift, S3, Glue) Git, MacOS May 2020 - August 2020

- **Designed AWS Infrastructure** and implemented **Infrastructure as Code** to build an **ETL Process** to transfer Neuron Product Billing data from **Amazon S3 to Redshift** for the Neuron Team
- **Worked backwards from customers** to determine technical metrics and Java API features when automating the display of customer data on Excel required for accurate Neuron product usage forecasting, such as on Prime Day
- Collaborated and executed **Code Reviews** and **Sprints** to release project into **production**, supporting **2000+ teams**, which may individually handle up to **100,000 requests per second**

### Huawei

Ottawa, ON

*Software Engineer Intern* | Python, MySQL, Java, Git, Linux

May 2019 - August 2019

- Implemented **Data Structures and Algorithm** to pursue the **full stack development** of a Network Visualization tool that traverses topologies to calculate, store, and display metrics, such as Bit Error Rate
- Collaborated with Engineers in **Agile Sprints** to leverage the Open Network Operating System (ONOS) and develop **novel features** for the Optical Team's main network construction product
- Deployed software **currently used** by both current Huawei engineers and clients to search for and visualize the improvement in Signal to Noise Ratio of optical network devices

## PROJECTS

**Ecommerce Site** | HTML, CSS, Javascript, NodeJS, React, MongoDB, Git, AWS

April 2019 - present

- Leading team of 5 to pursue the full stack development of an ecommerce platform to provide an "online mall" platform for merchandisers and consumers (**In Development**)
- Designing and implementing **NoSQL database schema, APIs, and AWS Infrastructure** based on features determined from interviewing and working with consumers and retail business owners

**Response for Assistance App for Retirement Home** | Axure XP

Feb 2018 - April 2018

- Architected the **UI/UX design** of a Response for Assistance App for Kensington Gardens Retirement Home after speaking with caregivers and residents, determining requirements, and iterative user testing, resulting in a **reduced all response time by 40%**

## LEADERSHIP & EXTRA-CURRICULAR EXPERIENCE

### You're Next Career Network

Toronto, ON

*Director of Operations*

April 2018 - present

- **Spearheading team of 10 and managing \$30,000+** in a fast-paced environment to build partnerships with companies and organize **20+ university events** and the **largest Career Fairs at the University of Toronto**
- Closed **\$10,500 in partnerships**, resulting in the largest career fairs in YNCN history with **100+ companies and 5000+ students** in attendance in 2019-2020 and trained **30+ volunteers** in 2018-2019

### Engineering Science Education Conference

Toronto, ON

*Co-Chair*

April 2019 - March 2020

- **Led a team of 7** and worked with the University of Toronto Engineering Science Department to organize an annual event attracting **400+ students** and industry leaders, such as **Professor Geoffrey Hinton and Jonny Sun**
- Recruited and trained **30+ volunteers** and introduced novel workshops to **increase student engagement by 20%+**

## EDUCATION

### University of Toronto, Department of Engineering

Toronto, ON

*Bachelor of Applied Science in Engineering Science (Machine Intelligence)*

Expected May 2022

- Completed coursework: Python, C/C++, PyTorch, Data Structures and Algorithms, Natural Language Processing
- **CGPA: 3.78 / 4.00** || Dean's List

## INTERESTS & OTHER ACTIVITIES

**Interests:** Podcasting, Personal Finance and Investing, Ultimate Frisbee, Badminton, Crossfit, and Fitness

**Other Activities:** Shad Valley and Waterloo Unlimited Alumni