

Victoria

Cheng

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EDUCATION

University of Toronto
ROBOTICS ENGINEERING, 2020
cGPA: 3.79 OUT OF 4.0

SKILLS

Code

Python
Go
Java
C
HTML
CSS
Javascript
MySQL
React
MATLAB

Hardware

Circuit Design
PCB Design
Soldering

Media

Illustrator
Photoshop
InDesign
SolidWorks

Languages

English
French
Mandarin (verbal)

WORK EXPERIENCE

Google DeepMind

SOFTWARE ENGINEERING INTERN
Health Team

LONDON, UK APR - AUG 2019

- Designed and implemented automated patient generation within simulated hospital testing environment based on statistically realistic data model
- Reduced manual creation time of >30min per patient to instantaneous creation of many patients, while generating higher level of information detail

Tools: Go, Kubernetes, MySQL

Facebook

SOFTWARE ENGINEERING INTERN
External Metrics Team

MENLO PARK, CA SEPT - DEC 2018

- Reduced time before alerting teams about important bugs by creating tool that used machine learning algorithms to predict relevant teams for each bug
- Built UI so non-technical users can extend tool by training custom algorithms
- Built debugging features for company-wide metrics catalog tool, allowing users to easily find related metrics, calculate metrics, trace call stacks, and more

Tools: React, Java, Python, MySQL

Snapchat

SOFTWARE ENGINEERING INTERN
Notifications Team

SANTA MONICA, CA MAY - AUG 2018

- Built notification campaign portal that provides ability to create, test, customize, schedule, and delete campaigns for hundreds of millions of users
- Reduced time from campaign creation to send by over 90% (from over one week to 0.5 days), and allowed non-technical users to schedule notifications
- Created pipeline to serve data to models predicting optimal notification types

Tools: Java, HTML, CSS, JS, Airflow, & Google Cloud Services

LEADERSHIP EXTRACURRICULARS

Chair of Women in Science and Engineering National Conference

WOMEN IN SCIENCE AND ENGINEERING (WISE)

MAY 2018 - MAY 2019

- Led team of 11 to organize a 2-day event for over 550 attendees
- Coordinated logistical requirements and event details between venue, catering, sponsors, speakers, schools, and AV partners
- Secured record-number of subsidized tickets from universities for students
- Also served as VP Marketing of WISE in the past, managing team of 7 to design and launch marketing campaigns; resulted in 6 sold-out events and 4 events with over 90% ticket sales, totalling over 1600 attendees overall in 2017-2018

TECHNICAL PROJECTS

Autonomous Battery-Sorting Robot

JAN - APR 2017

- Designed and manufactured machine that sorted batteries based on type and charge, and implemented digital and analog circuitry for system
- Won first place at annual robotics course competition out of 24 robots

AWARDS + RECOGNITION

- Recipient of over \$20,000 in scholarships
- Duke of Edinburgh Gold Award for Community Involvement and Leadership
- Art displayed in the National Art Gallery of Canada in 2013 and 2014
- Glider Pilot License and Passenger Rating