Chloe Quijano

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EDUCATION

Engineering Science - B.S Applied Science & Engineering Science   Apr 2023
University of Toronto ⬈

TECHNICAL SKILLS AND COURSEWORK

Computer Languages & Frameworks
Python, C, C++, HTML, CSS, Javascript, Django, Node.js, LaTex

Computer Science Coursework
Git, Algorithms, Data-Structures and Object-Oriented Design, Linux

Hardware
Arduino, 3D Printing, Verilog

CAD Software
Solidworks, AutoCAD, and MATLAB

EXPERIENCE

Google Developers ⬈   Aug 2020 – Present
Developer Student Club Lead
    1 of 118 Leads in North America acquired by Google Developers
    Over 400 members signed up in under 2 months
- Gained over **500 total attendees** in **technical workshops** and events in under 1 month through organizing weekly initiatives for members to learn and advance their technical skills
- Manage an **executive team of 14 students** in outreach, operations and marketing of the club activities which resulted in over **1000+ total followers** on all our social medias (Facebook, Instagram, Linkedin)
- Technologies: **Google Cloud Platform (GCP), Flutter, Google Tensorflow**

The Entrepreneurship Hatchery ⬈   Apr 2020 – Present
KeepUP - CEO & Co-Founder
    Over 500 Users
    NEST 2020 Demo Day Winner
- Develop a **conversational AI platform** for a mobile and web application which uses **Natural Language Processing (NLP)** to take in requests from users and provides a response back using **Google Dialogflow** and **Wit.ai** integration
- Designed a **slide deck and pitched our startup** bi-weekly to Incubator Mentors and Connectors which resulted in our team reaching **top 16** in NEST Demo Day 2020
- Technologies: **Flutter, Google Cloud Platform (GCP), Wordpress, Xamarin, Amazon Web Services (AWS), Wit.ai, Google Dialogflow**

Codecademy ⬈   Sep 2020 – Present
Chapter Leader
    1st Canadian Chapter
    Over 1000 days learning on Codecademy
- Create and lead monthly **technical meetups, events, workshops and talks** for learners to have a virtual community to connect and code with through the year
- Technologies: **HTML, CSS, Javascript, Python**

PROJECTS

Snek ⧉
Adjust the API in the game Snek to maximize the amount of points obtained
- Developed **multiple algorithms** in **Python and C** for the snake to gain the maximum amount of points in the game
- Algorithms: **Shortest Path Breadth First Search (BFS), Shortest Path Depth First Search (DFS), Longest Path, Hamiltonian Cycle, Dijkstra**
- Technologies: **Python, C**

Motor Controlled Microscope
Improving STEM Learning for children with Cerebral Palsy Opportunity
- Developed a **3D prototype** of a button that activates a turning motor on a microscope knob which resulted in **children with Cerebral Palsy** being able to **rotate the focus and course knobs** on a microscope
- Technologies: **C/C++, Arduino, Solidworks**

MediX - Remote Delivery of Medications ⧉
TOHacks
- Applied **Shortest Path algorithm** on **Google Maps API** to find shortest delivery distances for medications to be transported using drones
- Technologies: **Python, HTML, CSS, Google Maps API, Google Cloud Platform (GCP), Django Web Framework**

ClarityCare - Making organization of charity funds easier ⧉
HacktheGlobe - Top Finalist
- Developed a prototype of a mobile application that uses the **Google News Library API** and **open sources charity list databases** to identify current problems and finds charities targeting those issues that users can donate their funds towards
- Technologies: **Python, Google News Library API, Google Cloud Platform (GCP)**

LEADERSHIP

Women in Science and Engineering (WISE)   Jul 2019 – Present
Conference Relations Director (2020), First Year Associate (2019)
- Organized annual STEM Student for a Day by outreaching to **professors, labs and students** as guest speakers and as a result the event was **sold out** in just a few days

University of Toronto Engineering Society   Sep 2019 – Sep 2020
First Year Chair
- Lead and advocate for the **1000+ students** of the Class of 2023 in Faculty and Student Government wide events and meetings

York University Science Engagement Program   Oct 2017 – Aug 2019
Camp Counselor
- Created and led a **Math and Science lessons** for **grades 3-8** students for students to learn Highschool level concepts

Canadian Cancer Society   Oct 2018 – Jun 2019
Event Organizer
- Raised over **$12,000** for school's Relay for Life event through leading a **team of 20 students** to organize an event for **over 200 attendees**

AWARDS

NSERC Student Ambassador ⧉   Aug 2020
Natural Sciences and Engineering Research Council of Canada

Hatchery NEST 2020 Summer Fellowship   Apr 2020
The Entrepreneurship Hatchery

First Year Student Leadership Award ⧉   Feb 2020
University of Toronto Student Union