Tiffany Lin

2A Computer Science student

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Skills

Languages: Python, C++, C, HTML, CSS, Javascript, Bash
Frameworks: Vue.js, TensorFlow, PyTorch, ZeroMQ
Tools: Docker, Git, Github, Postman, Visual Studio Code

Experience

ADLINK Technology Inc. – Software Engineer Intern   **May 2022 - Aug 2022**
· Developed a machine learning model with **Python** using the DBSCAN clustering algorithm to perform anomaly detection of different waveforms
· Recorded and resolved networking bugs of ADLINK's Edge Data Analytics (EDA) platform proposed by co-workers
· Worked in a team of 3 to efficiently plan and develop a clean user interface using **Vue**
· Increased functionality of EDA platform by implementing **Python** and **C++** modules that fetches analog input and output, digital input and output data and connected them by using **ZeroMQ**

Education

University of Waterloo   **Sep 2021 - Present**
· Candidate for Bachelor of Computer Science, Honours

Bayview Secondary School   **Sep 2017 – Jun 2021**
· IB Diploma Programme | 41/45
· Ontario Secondary School Diploma

Volunteer/Extracurriculars

Buddhist Compassion Relief Tzu Chi Foundation
Video Editor   **Jun 2018 - Present**
· Edited videos to advocate for vegetarianism, gathered volunteers to create Chinese New Year documentaries to promote team bonding and cohesiveness
Volunteer for Community Events and Disaster Relief   **May 2008 - Present**
· Packaged 4,000 medical masks, 10,000 medical gloves, and 500 protective face shields for two nursing homes and one clinic during COVID-19 pandemic
· Participated in community garbage clean-up in Bridgeview Park, Berezy Square, and Mel Lastman Square
· Fundraised in T&T supermarket for 2010 Haiti Earthquake, 2011 Tōhoku Earthquake and Tsunami, 2013 Typhoon Haiyan, 2015 Nepal Earthquake, 2016 Fort McMurray Wildfire

Projects

Tick | Javascript + HTML + CSS + Node.js + Chrome API   **Oct 2021 – Jan 2022**
· Developed chrome extension for users to track amount of time they spend on websites; emails are sent to friends if excessive procrastination is detected