

Eric Liu

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EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK
Computer Engineering Bachelor of Science

May 2021
3.11/4.00

RELATED PROJECTS

Automatic Coin Sorter

Sept 2019 - Present

- Designing and creating a device to sort coins using IR sensors, vibration motor, Arduino, LCD display
- LCD screen displays the total amount of money in the sorter as well as the quantity of coins present in each individual storage bin

SHPE National Convention Extreme Engineering Challenge

Oct 2018

- Managed the marketing team and developed marketing strategies that would showcase our product
- Designed and constructed the physical components of the engineering project
- Created a website and managed social media platforms to provide a description and uses of our project

Basic Navigation Map

May 2018

- Constructed a navigation map with user interaction using java with csv files, map tiles from API, and GUI allowing the user to search cities and display the map on the interface and allow the user to shift the map

Songs/ Products Organizer

Apr 2018

- Developed a software program to analyze data and identify the song has the best rating using java
- Used sample data from a csv file to test and modify my program
- Displayed the most desired songs and products using a console

Introduction to HTML video project

Nov 2016

- Produced a 5-minute video explaining what HTML is and show examples of a simple HTML website displaying "Hello World."
- This project was one of the 31 out of 310 submissions selected to appear on the class' website.

EXPERIENCE

Twin's Supermarket, Belize City, Belize

Assistant Manager

Jan 2016 - June 2016

- Managed 720 delivery arrivals in the warehouse to be sorted and sold
- Responsible for maintaining inventory of 450 delivery orders
- Maintained integrity of phones, computer systems and networking for the establishment
- Transported merchandise via delivery truck to destination and unloaded the products to the purchaser
- Oversaw establishment's financial transactions, and ensured balanced transaction amounts

KangLe Foam Factory (now known as Tu'Kan Manufacturers LTD), Belize City, Belize

Machines Operator

May 2012 - Aug 2015

- Operated 5 different machines daily
- Assisted the lead technician with machinery repairs and testing
- Packaged items, and loaded delivery trucks in a timely manner and carried out deliveries
- Resolved customer service for clients by enhancing satisfaction through telephone

TECHNICAL SKILLS

- Programming languages - PHP, Java, Visual Basic, HTML, MATLAB, C, C++
- Software - Microsoft Office, Microsoft Visio, Power Tools, Adobe Photoshop, Creo Parametric
- Languages - Cantonese

LEADERSHIP AND ACTIVITIES

- Mentor - Society of Hispanic Professional Engineers Mentorship Program Sep 2018 – May 2019
- Treasurer - Society of Hispanic Professional Engineers Aug 2018 – May 2019
- Buffalo Harbor State Park - Gallagher Beach Cleanup Event Apr 2018