

Eric Liu

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EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK	May 2021
Computer Engineering Bachelor of Science	3.11/4.00

RELATED PROJECTS

Automatic Coin Sorter	Sept 2019 - Present
<ul style="list-style-type: none">Designing and creating a device to sort coins using IR sensors, vibration motor, Arduino, LCD displayLCD 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
<ul style="list-style-type: none">Managed the marketing team and developed marketing strategies that would showcase our productDesigned and constructed the physical components of the engineering projectCreated a website and managed social media platforms to provide a description and uses of our project	
Basic Navigation Map	May 2018
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Developed a software program to analyze data and identify the song has the best rating using javaUsed sample data from a csv file to test and modify my programDisplayed the most desired songs and products using a console	
Introduction to HTML video project	Nov 2016
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Managed 720 delivery arrivals in the warehouse to be sorted and soldResponsible for maintaining inventory of 450 delivery ordersMaintained integrity of phones, computer systems and networking for the establishmentTransported merchandise via delivery truck to destination and unloaded the products to the purchaserOversaw 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
<ul style="list-style-type: none">Operated 5 different machines dailyAssisted the lead technician with machinery repairs and testingPackaged items, and loaded delivery trucks in a timely manner and carried out deliveriesResolved customer service for clients by enhancing satisfaction through telephone	

TECHNICAL SKILLS

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- 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