THAO TRUONG

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EDUCATION

Seattle University
Seattle, WA | 2018- 2020
GPA: 3.5/ 4.0
Bachelor of Computer Science
- Member of Tau sigma Honor Society

Seattle Central College
Seattle, WA | 2016- 2018
GPA: 3.96 / 4.0
Associate of Degree of Science
- Member of Phi Theta Kappa
- Dean's List 2018
- Certificate of Leader Achievement

SKILLS

Comfortable with: C/C++, C#, Python, VBA, VB.Net, OpenCV, Machine Learning, Darknet, Java, JavaScript, Python, SQL, MySQL, Angular, HTML/CSS, Window, Unix/Linux, Git, Node.JS.

Familiar with : Ruby on Rails, AWS, Microsoft Azure, ASP.Net, MVC.

VOLUNTEER

Front Desk Receptionist
(Apr 2017 - Oct 2017, Seattle)
Real Change Homeless Project

Algebra Math Tutor
(Nov 2016 - Jun 2017, Seattle)
Seattle Central College

Office Assistance
(Apr 2017 - Jun 2017, Seattle)
Helping Link/ Mot Dau Noi

ACTIVITY

- SU Computer Programing Competition
- Computer Science Club
- Robotic Club

WORK EXPERIENCE

Software Data Operation Engineer
MAQ Software | May 2021 – Present
- Led a team to design, develop, test, and deliver software solution to solve data problems by writing VBA based Applications.
- Created macros and formulas to automate repetitive tasks and accelerate the workflow of a business.
- Collaborated with Project Manager and worked directly with finance department to ensure products provide the best possible customer experience.

Research Assistant, Deep Learning for Eye Cancer Detection
Seattle University | Jun 2020 – Aug 2020
- Preprocessed fundus images by using DenseNets architecture to automatically extract blood vessel.
- Solved problem of limited data by doing data augmentation.
- Implemented YOLOv3 model and transfer learning to perform training, and tested the model performance for the diagnosis of diabetic retinopathy

Professional Work-Based Project
Astronics Corp | Oct 2019 – Jun 2020
- Collectively rebuilt a web-based system authored in Ruby on Rails into a web application using C# and ASP.Net/SQL Server.
- Constructed data sending to database server using Web API.
- Curated an in person presentation to present and assess team deliverable. Utilized client feedback to improve user experience.

Software Engineering Internship, Machine Learning
TMA Solutions | Jul 2019 – Sep 2019
- Prepared and processed a dataset to train neural networks to detect facial expression on images with Darknet framework.
- Collaboratively created an AI app connects with IP of a camera to locate and detect human bodies in the video stream, and returns a set of images with high-precision body bounding boxes.

Executive of Student Success
Seattle Central College | Oct 2017 – Jun 2018
- Chaired committee to recruit for Salutatorian and valedictorian of the President Medal Award.

PROJECTS

Memory Game
JavaScript & CSS | May 2019 - Jun 2019
- Independently developed a game running on local host to test and improve brain memory. User flips cards to find pairs of same images. Score shows number of pairs of cards are matched within time period.

User Wall Web App
Python/Flask, HTML/CSS, MySQL | Summer 2018
- Independently constructed an website that features login and registration page and utilized database. The web allows users to post a message, and see the message displayed by other users.