DUY PHAM

400 Southwest Parkway #713 • College Station, Texas 77840 • (713) 854-4886 • duy@tamu.edu

duypham228.github.io

OBJECTIVE
To obtain a 2020 Summer Internship or Fall Co-op in Software and Computer Engineering

EDUCATION
Texas A&M University, College Station, Texas   May 2022
Bachelor of Science in Computer Science, minor in Electrical Engineering
Cumulative GPA: 3.4/4.0   Major GPA: 4.0/4.0
Relevant Courses:
- Data Structure and Algorithm (CSCE 221).
- Computer Organization (CSCE 312, currently enrolled).
- Programming Languages (CSCE 314, currently enrolled).

Lone Star College, Houston, Texas   May 2018
Associate of Science
GPA: 3.7/4.0

SKILLS
- Programming Languages: Proficient in C++, familiar with Python and Arduino, Java and Scheme (CSCE 314, currently enrolled).
- Web Development: Basic knowledge of HTML, CSS, JavaScript (LinkedIn Learning Certificate). Familiar with JSON, basic knowledge of Git and GitHub.
- Foreign Language: Vietnamese (Reading, Writing and Speaking).

PROJECT
Hackathon – Tamu Hack 2020   2019
Get A Quote (Python, Machine Learning, Tableau)
- Won the third prize for State Farm challenge.
- Cleaned the given data set to apply in machine learning.
- Visualized data that affected the accidents in The US such as weather, location, …
- Used Machine Learning to predict the severity of the accident based on the given data.

Software Developer – Aggie Coding Club   2019
Aggie Tool Kit (ATK) – Learning-oriented team
- Created cross-platform tool to automate project (creating, sharing, debugging project and working environment) using Ruby, JSON, and YAML
- Supported progress-oriented team in testing to improve ATK library.

Coursework and Personal Projects   2019
Store Back End (C++)
- Created classes and functions for Product, Customer, and Store.
- Managed the store activity with information of in-stock products, customers' purchase list and balance, add shipments and sell products.

EXPERIENCE
Physics Teacher Assistant – Texas A&M University   Sep 2019 – Present
- Taught Electricity and Magnetism laboratory, coordinated lab's activities (teaching, setting up and grading).
- Developed data taking process using Python and DAQ.
- Taught students using and setting up Arduino circuits in dedicated Engineering lab.

Undergraduate Teaching Fellow – Texas A&M University   Jan 2019 – Present
- Tutored students with Engineering Calculus I and II, review worksheet and homework.
- Assisted the Teaching Assistant and managed class logistics for 2 sections with 20-25 students each.