DUY PHAM

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# 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.