

DUY PHAM

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OBJECTIVE

To obtain a 2021 Summer Internship or Spring Co-op in Software and Computer Engineering

EDUCATION

Texas A&M University, College Station, Texas 5/2022
Bachelor of Science in Computer Science, minor in Electrical Engineering
Major GPA: 3.77/4.00 Cumulative GPA: 3.44/4.00
Lone Star College, Houston, Texas 5/2018
Associate of Science
GPA: 3.71/4.00

SKILLS

- Technical Skills: C/C++, Python, Java, JavaScript, Scheme, API, Git, Linux, MySQL, Google Appscript, Regex, PHP.
- Foreign Language: Vietnamese (Reading, Writing and Speaking).

PROJECTS

Smart Eyes – Tamuhack 2021 (*Node.js, Python, Twilio API, React, Face Recognition Library*) 1/2021

- Created a security camera system that can detect familiar versus stranger faces then send text messages when there are strangers in the frame using Twilio API and Face recognition library.
- Built a front-end website that users can upload member photos for the system to learn and recognize.

Discord Weather Bot (*Node.js, JavaScript, API, HTML, CSS, Surge, Heroku*) 12/2020

- Automated bot for Discord server that can return weather report, 1 week forecast visual chart, and air quality for a specific city using API calls.
- Parsed user command with optional flags such as location and unit using regular expression.

Bar None Citation (*Google App Script, HTML, CSS*) 10/2020

- Created an automatic add-on for Google Doc to cite legal documents by searching court data for given cases and format with specific types of citation based on Rules, Cases, Statues.
- Designed sidebar and dialog box for user interaction with the database by using HTML, CSS and rendered on the HTML frame of Google Appscript.

Simplifying Adventure Works (*Java, Docker, JDBC, MySQL*) 9/2020

- Created a GUI for easier interaction with the company database by parsing common queries into buttons, displaying results as charts and tables using Java Swing.
- Created a Dashboard which displays the most important information of the company in summary.

Get A Quotes – Tamuhack 2020 (*Python, Machine Learning, Tableau*) 1/2020

- Cleaned a given dataset from State Farm then applied it into different Machine Learning algorithms such as Logistic regression, Random Forest and XGB to compare the efficiency between them and also find out important features that affect the learning.
- Used trained models to predict severity of accidents based on time, location, weather, etc.

EXPERIENCES

Physics Teacher Assistant – Texas A&M University 9/2019 – 5/2020

- Taught Electricity, Magnetism laboratory and coordinated lab's activities.
- Taught students using and setting up Arduino circuits in a dedicated Engineering lab.

Undergraduate Teaching Fellow – Texas A&M University 1/2019 – 11/2019

- Tutored students with Engineering Calculus I and II, review worksheet and homework.
- Managed class logistics for 2 sections with 20-25 students each.

AWARDS AND CERTIFICATIONS

Machine Learning

- Won 3rd place at TAMUHACK 2020
- NVIDIA DLI Deep Learning for Computer Vision ([Certification](#)).

Web Development

- LinkedIn Learning Certificate for [HTML](#), [CSS](#), [JavaScript](#).