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
Cumulative GPA: 3.43/4.00
Relevant Courses:
- Data Structure and Algorithm (CSCE 221).
- Computer Organization (CSCE 312).
- Programming Languages (CSCE 314).
- Computer System (CSCE 313).
- Software Engineering I (CSCE 315).
- Digital System Design (ECEN 248).

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
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 call.
- 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 base 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 company database by parsing common queries into button, display results as chart and table using Java Swing.
- Created a Dashboard which display most important information of company in summary.

EXPERIENCES
Physics Teacher Assistant – Texas A&M University   9/2019 – 5/2020
- Taught Electricity and Magnetism laboratory, coordinated lab's activities (teaching, setting up and grading).
- Taught students using and setting up Arduino circuits in 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 for applying Machine Learning to predict severity of accidents in US based on time, location and other factors (Get A Quote).
- NVIDIA DLI Deep Learning for Computer Vision (Certification).

Web Development
- LinkedIn Learning Certificate for HTML, CSS, JavaScript.