VU (PERCY) PHAM

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EDUCATION

Dickinson College, Carlisle, PA, U.S.   Expected December 2022
  Bachelor of Science in **Computer Science** and **Quantitative Economics**
  GPA: 3.92/4.00; **Major GPA (Computer Science)**: 4.00/4.00
  Relevant Courses: Analysis of Algorithms, Programming Language Structures, Data Structure and Algorithms, Computing Abstractions, Cyber and Information Security, Database Systems
  - **Upsilon Pi Epsilon**: Honor Society for Computing & Information Disciplines   May 2020 – now
  - **Alpha Lambda Delta**: Freshman Honor Society   January 2019 – now
  - **Dean's List**: For all semesters
  - **John Montgomery Scholarship**: Awarded to students with top grades in high school

EXPERIENCES

Gimasys Co., Ltd.   **Hanoi, Vietnam**
Software Engineer Intern (Java, CSS, HTML, REST API, JavaScript, Heroku, *Trailhead*)   May 2020 – Oct 2020
  - Wrote batch classes, triggers, and test cases to configure the Salesforce platform according to clients' needs using Apex (Java-like language) and SQL. Built and debugged website using CSS and HTML.
  - Optimized runtime of code, with improvements of up to 75% of the runtime
  - Connected & synchronized more than 100,000 data points daily between Salesforce Platform & Vietnam Airlines database using REST API
  - **Project:** Implement Salesforce CRM System (Business-to-Business) & Lotusmile Software (Business-to-Customer) for Vietnam Airlines

NashTech Vietnam   **Hanoi, Vietnam**
Software Engineer Intern (Java, JSP, HTML, CSS)   May 2019 – August 2019
  - Enhanced and restructured codebase of app & website to be more scalable, wrote test cases using Java
  - Optimized runtime of algorithm by up to 90%
  - Participated in Java & JSP training session and courses for interns

SKILLS

Programming languages: Java, Python (proficient)
                                   C/C++, JavaScript, Scheme, MySQL, HTML, CSS (prior experience)
Software/Platform: Heroku, Linux, GitHub, Salesforce, Git, LaTeX, Stata

PROJECTS

Playing with Wheels *[link]*
A program using graph data structure to calculate the minimum of button presses required to transform the initial configuration of the wheels to the target configuration by never passing through a forbidden one

Huffman Coding *[link]*
Implementation of Huffman coding technique to simulate how data is compressed

Maze Solver *[link]*
A program to solve maze puzzles using backtracking algorithm

LEADERSHIP ACTIVITIES

GreenAms Robotics Team, Co-Founder   **Hanoi, Vietnam**
Co-found the first FIRST® Robotics Team in Vietnam to participate in the   Summer 2016 – Fall 2018
FIRST® Robotics Competition (Southern Cross Regional) and get the *Rookie Inspiration Award.*
The team also organized community events sponsored by American Center, U.S. Embassy in Hanoi

Alpha Phi Omega, Service Chair (Spring 2020), Vice President of Fellowship (Fall 2020)   **Carlisle, PA, U.S.**
Help with service management and participate in service activities in Carlisle, PA   Spring 2019 - now