VU (PERCY) PHAM

🌐 vupham04.github.io   ✉ vu.phamhoang00@gmail.com   📞 +1 717 961 7961

HACKERRANK: percy_pham | **LINKEDIN**: percypham | **GITHUB**: vupham04

EDUCATION

Dickinson College   Carlisle, PA, U.S.
BS in **Computer Science** and **Quantitative Economics**   Expected December 2022
GPA: 3.93/4.00; *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

SKILLS

Programming language: Java, Python, Bash (proficient), C/C++, JavaScript, Ruby, SQL, HTML, CSS (prior experience)
Framework/Tool: FastAPI, Bootstrap, Gino, SQLAlchemy, Poetry, PyTest
Software/System: Ubuntu, Docker, Git, Ansible, AWS, Salesforce, LaTeX, Stata

EXPERIENCES

Vingroup Big Data Institute (VinBigData)   **Hanoi, Vietnam**
Backend Engineer Intern (Python, FastAPI, Ubuntu, Ansible, Docker, PyTest)   March 2021 – now

- Write API for … using FastAPI, and … authorization using gen3authz, arborist, and JSON Web Tokens
- Optimize development time up to 50% by refatoring code and writing tests using PyTest
- Write YAML-formatted Ansible script to automatically deploy and check version of Spark, Hadoop, and annotating-variants tools such as SnpEff or Ensembl Variant Effect Predictor (VEP)

Gimasys Co., Ltd.   **Hanoi, Vietnam**
Software Engineer Intern (Java, CSS, HTML, JavaScript, Heroku, *[Trailhead](link)*)   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 by debugging and refactoring code, with improvements of up to 50% of the runtime
- Connected & synchronized more than 100,000 data points daily between Salesforce Platform & Vietnam Airlines database using REST API

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
- Participated in Java & JSP training session and courses for interns

PROJECTS

Personal Portfolio Website *(CSS, HTML, JavaScript, Bootstrap, jQuery) [link]*
My personal portfolio website, created by using CSS, HTML, JavaScript, and external libraries/frameworks such as jQuery, Bootstrap 4, and Font Awesome toolkit

Small Projects (*Python, Java, Ruby) [link]*
A compilation of small projects written in different programming languages: Battleship game (*Ruby*), Ferry Boat schedule (*Java*), Huffman compression scheme (*Java*), Maze Solver (*Java*), and answers to some Leetcode questions (*Python*)

LEADERSHIP ACTIVITIES

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