

Nam Dao

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EDUCATION

DREXEL UNIVERSITY

Bachelor of Science in Computer Science June 2024

- A.J. Drexel Scholarship recipient
- Dean's List of College of Computing and Informatics

Philadelphia, PA

GPA: 3.77/4.0

EXPERIENCE

FPT SOFTWARE

Data Engineer Intern

Hanoi, VN

June 2020 – September 2020

- Implemented a given list of business rules into code to boost the efficiency in scanning flaws in data using Pandas (Python)
- Embedded the tool with Web Server using Flask (Python) and hosted in company's internal server
- Displayed data in a 3D model using Matplotlib library in Python

COMPUTER VISION VIETNAM TECHNOLOGY

Software Engineer Intern

Hanoi, VN

August 2020 – March 2021

- Normalized relationships between entities in SQL and presented the database structure in UML
- Developed an asynchronous Task Queue system integrated with third-party API to extract data customer's identity information
- Built a web landing page displays Resume extracted information using third – party API, ReactJS and React-Bootstrap
- Configured Linux Server with NGINX and containerized backend web server using Docker for production

KPIM JOIN STOCK COMPANY

Software Engineer Intern

Hanoi, VN

April 2021 – Present

- Participate in development an E-Learning platform company's product in a three – member team
- Develop general functionality components of the E-Learning platform using ReactJS and MaterialUI

TECHNICAL PROJECT

MEAL BUDDY | Mobile App | Backend Developer | *Java, Android Studio, Firebase*

September 2019 – March 2020

- Developed an Android application to randomly setup meal meeting for users in a three – member team
- Built interaction between components, designed NoSQL schema, implemented functions to retrieve data from Firestore

2MAWAY | Web App | FullStack Developer | *HTML/CSS, JavaScript, GoogleMapAPI, Firestore*

May 2020

- Developed a web application to keep track of people user have come to contact within the distance of 2 meters
- Created an algorithm to compared distance between two users' coordinates using JavaScript

DOCUMENT AI | Web App | Backend Developer | *Python, Flask, MySQL, Docker, Celery*

December 2020 – March 2021

- Developed a web application allows user to upload their identities, extract, store and manage information on cloud
- Developed a web server using Flask, integrated with third – party API to extract identity from users
- Containerized, config domain and deployed product on Linux Server using Docker and NGINX

EDUCA+ | Web App | Frontend Developer | *ReactJS, JavaScript*

April 2021 – Present

- Contribute to a web community project E-Learning Platform owned by SaveTheChildren, human – aid organization
- Support building UI/UX components using ReactJS and Material UI

RAPID-SIGING | Web App | FullStack Developer | *ReactJS, NodeJS, Express, MongoDB*

April 2021 – Present

- Develop a web application platform that allows users to rapidly sign document on cloud in a four – member team
- Contribute in building Frontend layout using ReactJS, developing Web Server using Express and Mongo

ACTIVITIES

- **Runner-Up**, National KPMG Ideation Challenge
- **Finalist**, Innovation Hackathon, Tivo and Real Industry
- **Organizer**, Thornton Academy's TEDx

March 2021

February 2020 – March 2020

December 2019 – March 2019

SKILLS

- Programming Language: HTML/CSS, JavaScript, NodeJS, C, Python, Bash, Golang, SQL
- Frameworks: Flask, Django, NodeJS, ReactJS, Echo, Express, MaterialUI, NextJS
- Tools: Docker, Linux Server, SQL Management Tool, Redis, Celery, REST API, Git, Heroku, Microsoft Office
- Relevant Courses: Introduction to Software Engineering, Web Development, Advanced Programming Tool and Techniques