

Hieu Sy Do

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EDUCATION

New York University

Tandon School of Engineering
BS in Computer Science
Expected Grad. May 2019
Cum. GPA: 4.0

Westminster School

Grad. May 2015
Summa Cum Laude

SKILLS

Languages:

C++, Python, JavaScript

Frameworks:

AngularJS, NodeJS

Databases:

MongoDB, SQL

Tools:

Git, Vim,
Adobe Illustrator & InDesign

COURSEWORK

Data Structure
Algorithms
Discrete Mathematics
Artificial Intelligence
Computer Architecture
Computer Networking
Data Analysis
Object-Oriented Programming

ACTIVITIES

NYU Tandon Honors Program
Tech@NYU - Freshman Circuits
Entrepreneurship and
Innovation Association
The Westminster News

08.01.2016

EXPERIENCE

NYU IT – Application Infrastructure

Software Engineer Intern

Jan 2016 – present

New York, NY

- Building a database management system to monitor all NYU data centers worldwide using SQL and Oracle APEX.
- Updating an internal server request tool by improving its user-interface and the service request process.

NYU Secure Systems Lab

Student Researcher

Jun 2016 – Aug 2016

New York, NY

- Researched distributed monitoring solutions for the Seattle Testbed, a distributed cloud platform, using Python and an in-house restricted version of Python (Repy).
- Designed the monitoring pipeline that accounts for the monitoring tools' accessibility, modularity, and scalability.

INSPI Corp – ZenQuiz Team

Software Engineer Intern

Jun 2015 – Aug 2015

Ho Chi Minh City, Vietnam

- Built a Question & Answer platform for 10,000,000+ users.
- Implemented the frontend features and backend server using MongoDB, ExpressJS, AngularJS, and NodeJS (MEAN stack)

PROJECTS

Notr

A web app that visualize texts by creating dynamic mind maps from users' input. Built with AngularJS using D3.js and Ace.

Alertify

Best Software, Wearhacks NY 2015

An Android mobile and wearable app that recognizes hand gestures to send emergency alerts. Built with Java using Presto API.

Sia

2nd Prize, Hackademics VN 2015

A pioneering sex-ed website that promotes sexuality and gender awareness among Vietnamese teenagers. Built with MEAN stack.

Imagely

A web app that enhances language-learning experience by generating new words from pictures. Built with MEAN stack using Clarifai API and Yandex API.