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 Circuit
The Westminster News

09.08.2018

EXPERIENCE

NYU IT – Application Infrastructure   Jan 2016 – present
Database Engineer Intern   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   Jun 2016 – Aug 2016
Student Researcher   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   Jun 2015 – Aug 2015
Software Engineer Intern   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.