

# 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

08.28.2016

## 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.