

Dang Pham

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Education

Massachusetts Institute of Technology

Expected June 2017

Candidate for Bachelor of Science in Computer Science and Engineering, and Mathematics

GPA: 4.5/5.0

Experience

MIT Senseable City Laboratory

September 2014 - Present

Developer

- Prototyping software that automate the collection, and data analysis of biowaste.
- Developing a full web stack from the back-end to front-end to visualize the data collected from the system in real time.
- Developing models of an urban area base on sewage data and demographic data.

Ben Gurion University of the Negev

June 2014 - August 2014

Undergraduate Researcher

- Working closely with Professor Shlomi Dolev to develop a prototype software for secret sharing in the clouds.
- Developing a client-server file transfer script that encapsulates, encrypts, and tunnel packets to multiple intermediate servers before reaching the destination.
- Performing network traffics simulations under different routing algorithms, and tunneling

MIT Sloan School of Management

September 2013 - December 2013

Undergraduate Researcher

- Creating databases comprised of albums, artists, and corresponding record label to critically analyze records released from 1990s to 2000s to highlight the underlying trend of self-publishing in the music industry.

Coursework

Completed:

Discrete Mathematics
Linear Algebra

In Progress:

Software Construction
Algorithms

Probability & Random Variables
Artificial Intelligence

Extra-curriculars & Hobbies

Social Chair, *GLBTQ @ MIT* 2014-Present
Producer, *WMBR MIT Radio* 2013-Present
Board Member, *Time Out Youth* 2011-2013
Vinyl records, analog audio
League of Legends

Skills

Java Node.js
Python LaTeX
Javascript Git
HTML/CSS