

Nathalie Huynh

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Cambridge, MA

Education

Massachusetts Institute of Technology

B.S. in Computer Science and Engineering,
Minor in Materials Science
GPA: 4.7/5.0

Expected Feb 2016

Coursework:

- Web Programming; Algorithms and Data Structures; Design and Analysis of Algorithms; Object Oriented Programming; Artificial Intelligence; Computation Structures and Computer Architecture
- Discrete Math; Multivariable Calculus; Differential Equations

Technologies

General Programming: Java, Python

Web Dev: HTML5, CSS3, Javascript, jQuery, Angular.js, Node.js, MongoDB

Data Analysis: Mathematica, MATLAB

Experience

Nomad

Full Stack Web Developer

Cambridge, MA
January 2015

- Participated in a web app development competition on a team of 3
- Created an app that enables travelers to meet up with other people in their general vicinity based on shared interests

IBM

Rhapsody Software Developer

Rehovot, Israel
Summer 2014

- Developed a series of automations in Rhapsody, IBM's systems modeling software
- Reduced user's initial development time by half and eliminated major sources of error introduced using the non-automated workflow
- Designed a scalable, streamlined testing workflow for Rhapsody developers

EECS Department at MIT

Lab/Course Assistant

Cambridge, MA
September 2014
– Present

- Assisted EECS students in understanding the fundamentals of object oriented programming
- Guided students through lab work designed to develop skills in control systems, state machines, circuits, probability and search

The Magnetic Materials and Devices Group at MIT

Undergraduate Researcher

Cambridge, MA
Summer 2012
& 2013

- Researched the effects of ferrimagnetic material on silicon for the development of optical circuits

Leadership

GlobeMed

Financial Director and Community Development Director

Cambridge, MA
September 2011
– January 2013

- Worked with HIV clinics in Togo to fundraise and fulfill grant applications
- Dealt with up to \$20,000 in funds, transactions, donations, and travel grants per semester
- Organized member retreats and attended to each subcommittee within the GlobeMed chapter at MIT

Activities

Metalworking (enameling and blacksmithing)

Lighting design