

## Joanne Truong

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### Education

**Northeastern University**, Boston, MA

**GPA: 3.85**

**Anticipated May 2019**

- Bachelor of Science Electrical and Computer Engineering, Minor in Mathematics
- Deans List — Honors List
- Excellence Scholarship, Henry C. Jones Scholarship

**Stuyvesant High School**, New York, NY

**GPA: 3.7**

**2014**

### Skills

- MATLAB, Python (MIT certified), C++, AutoCAD, SolidWorks, OrCAD, Mechanical Desktop, CADKEY, LabVIEW, Microsoft Office

### Professional Experience

**Northeastern University**, Boston, MA

**Sept 2015 – Present**

*Software Developer for 3D Tissue Printing/ Research Assistant, working under Professor Gilbert*

- Developing software applications & resources to enhance 3D printing processes on Digilab CellJet

**Worcester Polytechnic Institute (WPI)**, Worcester, MA

**Jun – Aug 2015**

*Research Assistant, worked under Professor Yeessock Kim*

*Location optimization of MR dampers for the mitigation of structural damage due to high impact loads*

- Conducted tests to determine optimal location of dampers
- Created MATLAB code to analyze results
- Generated graphs of structural response reduction due to dampers on Excel
- Wrote research paper to be used as a foundation for journal publication
- Created and presented poster presentation to professors and graduate students

### Projects

**Stuyvesant High School**, New York, NY

**Jan – May 2013**

*Line Tracing Autonomous Robot*

- Designed models using mechanical design software
- Built three-dimensional models using a three-dimensional printer
- Soldered electrical components

**Stuyvesant High School**, New York, NY

**Sept – Dec 2013**

*Maze Solving Robot*

- Programmed, designed and constructed a small maze solving robot capable of edge detection, light sensing, and obstacle detection

### Student Employment Experience

**Computer Lab Assistant**, Northeastern University, College of Engineering

**Sept 2015 – Present**

**Office Assistant**, Northeastern University, College of Engineering

**Jan – May 2015**

### Leadership & Memberships

**Society of Asian Scientists and Engineers (SASE), Programs Chair**

**Sept 2014 – Present**

- On the logistics and finance committee to plan SASE's Northeastern Regional Conference

**Society of Women Engineers (SWE)**

**Sept 2014 – Present**

**Vietnamese Student Association (VSA)**

**Sept 2014 – Present**