

## Joanne Truong

(646)-678-1629 ♦ [truong.j@husky.neu.edu](mailto:truong.j@husky.neu.edu) ♦ [joannetruong.github.io](https://joannetruong.github.io)

### 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 – Jan 2015**  
*Software Developer for 3D Tissue Printing/ Research Assistant, working under Professor Gilbert*  
• Developed 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 Yeesock Kim*  
*MR Damper location optimization 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

**Northeastern University**, Boston, MA **Jan – May 2015**  
*Colored Ping Pong Ball Sorter*  
• Programmed sorting apparatus to sort stack of colored Ping-Pong balls: camera would identify color, stepper motor would rotate to appropriate receptacle, and actuator would release one ball from stack.  
**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, and 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

### Leadership & Involvement

**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) & VSA Dance** **Sept 2014 – Present**  
**Asian Student Union (ASU) & ASU Dance** **Sept 2014 – Present**