

# Felicia Zhang

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## EDUCATION

Northeastern University, Boston, MA Expected May 2021  
Bachelor of Science in Computer Engineering and Computer Science GPA: 3.88  
University Honors Program Scholar, National Merit Scholarship, Dean's List  
Coursework: Object-Oriented Design, Embedded Design: Enabling Robotics, Circuits and Signals,  
Fundamentals of Computer Science 1 + 2, Differential Equations, Linear Algebra  
Activities: NU Women in Tech, Society of Women Engineers

Westford Academy, Westford, MA June 2016  
High School Diploma

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## SKILLS

Technical: Java, C++, Arduino, Git, HTML and CSS, MATLAB, UNIX, SolidWorks, PSpice,  
Adobe Illustrator and Photoshop, Circuit Design  
Language: Fluent in Mandarin (spoken), Proficient in German (written and spoken)

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## EXPERIENCE

Northeastern University College of Computer and Information Science Sep. 2017 – Present  
*Course Assistant for Fundamentals of Computer Science II*

- Tutor 40+ students in implementing effective program design with Java during weekly office hours and labs
- Provide feedback on and grade programming problem sets

Robotics and Intelligent Vehicles Research Laboratory, Northeastern University Jan. 2017 – July 2017  
*Undergraduate Research Assistant*

- Designed an autonomous assistive robot for the RoboCup@Home 2017 competition in Nagoya, Japan
- Implemented machine learning for facial cognition using facial recognition APIs and OpenCV

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## PROJECTS

Math It Spring 2017  
*Cornerstone of Engineering 2*

- Programmed a handheld game to help elementary age children learn math facts using Arduino
- Soldered the internal circuit and button inputs and laser cut the external device casing

InTune March 2017  
*Hack Beanpot, Boston, MA*

- Won 2nd place for best use of an Indico API
- Developed a web app that analyzes a text entry to generate a mood playlist using JavaScript

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## LEADERSHIP AND CAMPUS INVOLVEMENT

NU Women in Technology (NUWIT) Sep. 2016 – Present  
*Web Chair (Summer/Fall 2017)*

- Update and maintain the NUWIT website with upcoming club events and blog posts using Jekyll and Git
- Connect with local companies to organize speakers and panels promoting and encouraging the advancement of women in tech fields

Northeastern University College of Engineering (COE) Sep. 2017 – Present  
*Peer Mentor*

- Mentor first year engineering students in their transition to college both academically and socially
- Advise students on selecting a major, maintaining productive study habits, and utilizing COE resources

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## INTERESTS

Studio arts, foreign language and culture, baking, education