

# Matthew T. Todd

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## Education

Class of 2017	<b>Ward Melville High School</b>   East Setauket, NY	
Class of 2022	<b>Northeastern University</b>   Boston, MA	GPA: 3.7/4.0
	COMBINED COMPUTER SCIENCE AND PHYSICS MAJOR FILM PRODUCTION AND MATH MINOR	
	● Involvement: NURobotics, NUHacks, Elite Heat, Resident Student Association	

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## Experience

June 2017 – September 2017	<b>Three Village Central School District</b> <i>Informational Technology Intern</i>	Stony Brook, NY
	● Set up temporary offices and moved computers throughout the school district. ● Ran wires for projectors, computers, switches, etc through ceilings and catwalks through many buildings. ● Located and fixed drops in the network.	
June 2018 – August 2018	<b>Yonsei University</b> <i>Center for Nano-Wear Research Intern</i>	Seoul, South Korea
	● Learned to use tribotesters, SEM microscopes, and analyze material wear. ● CAD designed parts to augment tribotesters to perform two new methods of testing wear. ● Established a project to generate electricity via the triboelectric effect.	

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## Achievements

October 2017	<b>Northeastern University</b> <i>Husky Hack101 - 2nd place</i> <a href="https://github.com/Wheres-Aoun">github.com/Wheres-Aoun</a> <a href="http://wheresoun.tk">wheresoun.tk</a>	Boston, MA
	● Project titled “Where’s Aoun” is a web application where users may make posts relating to the whereabouts of the president of Northeastern University, Joseph Aoun. The site allows for reporting of bad posts and displays a google map location of the the indicated spot.	
March 2018	<b>Northeastern University</b> <i>NUWireless Hackathon - Coolest Algorithm</i> <a href="https://github.com/matttodd/Kpop-Hackathon">github.com/matttodd/Kpop-Hackathon</a>	Boston, MA
	● Project titled “Kpop Machine Learning” would take in lyrics to a Korean song and return the artist who wrote the song. On a small training set of < 100 songs, the program yielded > 70% accuracy.	

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## Skills

<b>Programming</b> (in order of skill)	Java, Python, HTML CSS, Racket
<b>Technologies</b>	Git, Linux, Adobe Photoshop, Adobe Premiere, Microsoft Office, SolidWorks
<b>Concepts</b>	CISCO Networking, Machine Learning (TensorFlow), Computer-Aided
<b>Design</b>	