
EDUCATION

Stony Brook, NY	Stony Brook University	August 2015 – May 2019
<ul style="list-style-type: none">• Bachelor of Science in Computer Science• Undergraduate Coursework: Object-Oriented Programming; Data Structures and Algorithms; System Fundamentals I; Applied Linear Algebra; Discrete Mathematics; Calculus II; Finite Mathematical Structures; Survey of Probability and Statistics; Computer Science III; Natural Language Processing.		
Bethpage, NY	Bethpage High School	September 2011 – May 2015
<ul style="list-style-type: none">• Advanced Regents High School Diploma and Mastery in Math• Quarterly Gold Honor Roll Achievements		

PROGRAMMING PROJECTS

Food Beyond (Python, HTML, CSS, JavaScript)	February 2017
<ul style="list-style-type: none">• Organizes the user's ingredients and lists recipes corresponding to the ingredients in the user's inventory.• Using the Raspberry-Pi, SimpleCV, and UPC-database, we could scan items and update the user's ingredients.• Designed and implemented the front-end of the project using HTML, CSS, Bootstrap, Javascript, and jQuery.• Utilized the Food2Fork API and handled the front-end with Python, making the website dynamic.	
Bombsweeper (MIPS Assembly)	November 2016
<ul style="list-style-type: none">• Using ANSI characters and a custom font, we displayed the game on a 10x10 Memory Mapped I/O board in MARS.• The focus of this project was to practice memory organization, read data from files, and use multidimensional arrays in MIPS.	
Social Media Improvement Program (Java, JavaScript, HTML, CSS)	September 2016
<ul style="list-style-type: none">• Incentivize reporting through a community policing platform that gives the user badges for consistently having good behavior and using our tribunal system.• Used the Twitter API to query phrases in tweets and exported our user/Twitter data to a JSON file using Java.• Designed the Tribunal using HTML and CSS and implemented the UI with Javascript by adding buttons and prompting the user with a pop-up message saying the process has been completed.	

ADDITIONAL EXPERIENCE AND AWARDS

Hackathons (Student Hacker)	September 2015 - Present
<ul style="list-style-type: none">• Actively participate in hackathons such as HackCooper and HackNY, attend workshops, and collaborate with peers on projects to improve programming skills.	
National Honor Society (Member)	September 2013 - June 2015
<ul style="list-style-type: none">• Tutored students of Bethpage from grades six to twelve.	
High School E-Sports Club (Co-Founder)	September 2013 - June 2015
<ul style="list-style-type: none">• Organized multiple tournaments with various prizes for students of Bethpage.	
Robotics (Member)	September 2013 - June 2015
<ul style="list-style-type: none">• Helped design and develop a robot to shoot a basketball in a hoop for a local competition	

Languages and Technologies

- Proficient: Java, Python, MIPS Assembly
- Fundamental: HTML, CSS, Javascript
- Technologies: GitHub, NetBeans, MARS, JSON, XML