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EDUCATION

<b>Stony Brook, NY</b>	<b>Stony Brook University</b>	<b>August 2015 – May 2019</b>
<ul style="list-style-type: none"><li>• Bachelor of Science in Computer Science</li><li>• 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.</li></ul>		
<b>Bethpage, NY</b>	<b>Bethpage High School</b>	<b>September 2011 – May 2015</b>
<ul style="list-style-type: none"><li>• Advanced Regents High School Diploma and Mastery in Math</li><li>• Quarterly Gold Honor Roll Achievements</li></ul>		

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PROGRAMMING PROJECTS

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

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ADDITIONAL EXPERIENCE AND AWARDS

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

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Languages and Technologies

- Proficient: Java, MIPS Assembly
- Experienced: Python, Javascript, HTML, CSS, LaTeX, SML/NJ
- Technologies: GitHub, NetBeans, MARS, JSON, Blender