

## EDUCATION

<b>Stony Brook, NY</b>	<b>Stony Brook University</b>	<b>Currently Enrolled</b>
<ul style="list-style-type: none"><li>• B.S. in Computer Science (Expected June 2022).</li><li>• GPA 3.7</li></ul>		
<b>Selden, NY</b>	<b>Suffolk County Community College</b>	<b>Graduated June 2020</b>
<ul style="list-style-type: none"><li>• A.S. in Computer Science.</li></ul>		
<b>Coursework:</b>		
<ul style="list-style-type: none"><li>• Functional Programming Abstractions</li><li>• Advanced Object-Oriented Programming</li><li>• Computer Architecture and Organization</li></ul>	<ul style="list-style-type: none"><li>• Data Structures and Algorithms</li><li>• Analysis of Algorithms</li><li>• Discrete Mathematics</li><li>• Theory of Computation</li></ul>	

## LANGUAGES AND TECHNOLOGIES

<b>Proficient:</b>	<ul style="list-style-type: none"><li>• Java; Python; Lua; Rust</li></ul>
<b>Familiar:</b>	<ul style="list-style-type: none"><li>• Go; OCaml; Assembly; HTML/CSS; SQL; C</li></ul>
<b>Novice</b>	<ul style="list-style-type: none"><li>• JavaScript; PHP; C++</li></ul>
<b>Technologies:</b>	Vim; Emacs; Docker; Visual Studio; Eclipse; IntelliJ IDEA; Android Studio; PyCharm; Roblox Studio

## PROJECTS

<b>Parking Lot System</b> (2018). Desktop application to manage a parking garage. Created with a team of programmers. <b>Java/JavaFX.</b>	
<ul style="list-style-type: none"><li>• Admin and employee accounts.</li><li>• Dynamic ticket generation.</li></ul>	<ul style="list-style-type: none"><li>• Check in/out vehicles.</li><li>• Track information about all parked vehicles.</li></ul>
<b>College Application System – CAS</b> (2019). Mobile application to facilitate college applications in the US. <b>Android/Java/XML/Cloud Firestore/NoSQL.</b>	
<ul style="list-style-type: none"><li>• Account system, authentication.</li><li>• View info about user accounts and all US colleges.</li></ul>	<ul style="list-style-type: none"><li>• Save info about colleges in a list of favorites.</li><li>• Update data on demand.</li></ul>
<b>Pong</b> (2020). Two-dimensional videogame inspired by the classic game <i>Pong</i> . <b>Rust/OpenGL bindings.</b>	
<ul style="list-style-type: none"><li>• Game based on event loop.</li><li>• Paddle, background, and ball drawn on screen.</li></ul>	<ul style="list-style-type: none"><li>• Collision detection for ball, paddle, and borders.</li><li>• Point system.</li></ul>
<b>SmiteBot</b> (2020). Application that interfaces with the Discord (a chat program) API. <b>Python/HTML/MySQL.</b> Also implemented using <b>Rust.</b>	
<ul style="list-style-type: none"><li>• Variety of user commands.</li><li>• Data acquired through web scraping.</li></ul>	<ul style="list-style-type: none"><li>• Data stored in MySQL database.</li><li>• Data can be updated at any point.</li></ul>

## RELEVANT EXPERIENCE

	<b>theCoderSchool</b>	
<b>Code Coach</b>	<b>(45 Ira Rd, Syosset NY 11773)</b>	<b>January 2020 – August 2020</b>
<ul style="list-style-type: none"><li>• Online and in-person.</li><li>• Introduced simple computer architecture concepts (binary, data structures, and more).</li><li>• First teacher at the company to use online learning during the pandemic.</li><li>• Worked as a team with other teachers for coding events.</li><li>• Taught coding to students aged 7 to 21.</li></ul>		

## ADDITIONAL EXPERIENCE AND AWARDS

- Dean's List (Fall 2018-Present) (Suffolk County Community College)
- Phi Theta Kappa Honor Society (Fall 2019-Present) (Suffolk County Community College/Stony Brook)
- AP Scholar with Distinction (2016-2018) (Bayport-Bluepoint High School)