

## 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>• Data Structures and Algorithms</li><li>• Analysis of Algorithms</li><li>• Discrete Mathematics</li><li>• Theory of Computation</li></ul>	
<ul style="list-style-type: none"><li>• Functional Programming Abstractions</li><li>• Advanced Object-Oriented Programming</li><li>• Computer Architecture and Organization</li></ul>		

## LANGUAGES AND TECHNOLOGIES

- **Proficient:**
    - Java; Python; Lua; Rust
  - **Familiar:**
    - Go; OCaml; Assembly; HTML/CSS; SQL; C
  - **Novice**
    - JavaScript; PHP; C++
- Technologies:**  
Vim; Emacs; Docker; Visual Studio; Eclipse; IntelliJ IDEA; Android Studio; PyCharm; Roblox Studio

## PROJECTS

**Parking Lot System** (2018). Desktop application to manage a parking. Created with a team of programmers.

**Java/JavaFX.**

- Admin and employee accounts.
- Check in/out vehicles.
- Dynamic ticket generation.
- Track information about all parked vehicles.

**College Application System – CAS** (2019). Mobile application to facilitate college applications in the US.

**Android/Java/XML/Cloud Firestore/NoSQL.**

- Account system, authentication.
- Save info about colleges in a list of favorites.
- View info about their account and all US colleges.
- Update data on demand.

**Pong** (2020). Two-dimensional videogame inspired by the classic game *Pong*. **Rust/OpenGL bindings.**

- Game based on event loop.
- Collision detection for ball, paddle, and borders.
- Paddle, background, and ball drawn on screen.
- Point system.

**SmiteBot** (2020). Application that interfaces with the Discord (a chat program) API. **Python/HTML/MySQL.** Also implemented using **Rust.**

- Variety of user commands.
- Data stored in MySQL database.
- Data acquired through web scraping.
- Data can be updated at any point.

## 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)

