

EDUCATION

Stony Brook, NY	Stony Brook University	Currently Enrolled
<ul style="list-style-type: none">• B.S. in Computer Science (Expected June 2022).• GPA 3.75		
Selden, NY	Suffolk County Community College	Graduated June 2020
<ul style="list-style-type: none">• A.S. in Computer Science.		
Coursework:		
<ul style="list-style-type: none">• Functional Programming Abstractions• Advanced Object-Oriented Programming• Computer Architecture and Organization	<ul style="list-style-type: none">• Data Structures and Algorithms• Analysis of Algorithms• Discrete Mathematics• Theory of Computation	

LANGUAGES AND TECHNOLOGIES

- **Proficient:**
 - Java; Python; Lua; Go; Rust
 - **Familiar:**
 - 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 garage. 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 user accounts 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

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

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)