

EDUCATION

Stony Brook, NY <ul style="list-style-type: none">B.S. in Computer Science (Expected June 2022).GPA 3.7	Stony Brook University	Currently Enrolled
Selden, NY <ul style="list-style-type: none">A.S. in Computer Science.	Suffolk County Community College	Graduated June 2020
Coursework: <ul style="list-style-type: none">Functional Programming AbstractionsAdvanced Object-Oriented ProgrammingComputer Architecture and Organization	<ul style="list-style-type: none">Data Structures and AlgorithmsAnalysis of AlgorithmsDiscrete MathematicsTheory of Computation	

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.
- Dynamic ticket generation.
- Check in/out vehicles.
- 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.
- View info about user accounts and all US colleges.
- Save info about colleges in a list of favorites.
- Update data on demand.

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

- Game based on event loop.
- Paddle, background, and ball drawn on screen.
- Collision detection for ball, paddle, and borders.
- 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 acquired through web scraping.
- Data stored in MySQL database.
- Data can be updated at any point.

RELEVANT EXPERIENCE

Code Coach <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.	theCoderSchool (45 Ira Rd, Syosset NY 11773)	January 2020 – August 2020
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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)