

Education

Rice University—Houston, TX

May 2022

Bachelor of Science in Computer Science

GPA: 3.66

Bergen County Academies—Hackensack, NJ

Jun 2018

Academies of Technology and Computer Science

GPA: 3.83

Skills

Programming Languages:

Java, C++, Python (Flask), C, SQL, JavaScript (jQuery, AJAX), PHP (Laravel), HTML/CSS (Sass), Arduino, R, Dr. Racket, Haskell, Swift, 6502 Assembly

Topics:

Web App Development, Data Structures, Algorithms, Processors/Logic Gates, iOS Development

Relevant Experience

Bergen County Academies Mechatronic Research Lab — Teacher Assistant Sept 2017 - Mar 2018

- Advised over 10 students in developing their mechatronic research project with the ultimate goal of developing a prototype and entering expos and competitions with it
- Assisted in prototyping and coding throughout the entirety of the students' research project
- Maintained the lab and projects to improve safety and accessibility

HackBCA — Organizer

Jun 2016 - Apr 2017

- Organized one of the largest highschool hackathon hackBCA IV, featuring 400 high school students
- Collaborated with team to source 17 sponsors for hackBCA IV, raising more than \$25,000

Relevant Projects

Bergen County Veterans Service — HTML, CSS, PHP, SQL, Laravel

Sept 2017 - Jun 2018

- Directed a team of three other students to redesign the Bergen County Veterans Service website in order to boost efficiency, productivity, and accessibility
- Produced programs involving the database and the backend

Web App Development — HTML, CSS, PHP, SQL

Dec 2015 - Jan 2017

- Revamped the school's registration sites as a group of 12 other people for electives, career day, proctors, and more to have enhanced utility, speed, accessibility, and usability
- Implemented various parts in the backend, frontend, and database

Dodgeball — JavaScript

May 2016 - Jun 2016

- Programmed Dodgeball for BrightLogic's Active Floor (interactive, touch-sensitive floor), becoming the most popular game out of 18 for the Active Floor in Bergen County Academies
- Designed two game modes: one where a player dodges balls and another where a player dodges "lasers"

Intermediate Text Translator — Twilio, Python (flask)

Mar 2016

- Developed web app that translates text message to a language and then sends to an earlier specified phone
- Created in hackBCA III in a 24 hour time span
- Won Best Twilio Hack

Honors

Gold President's Volunteer Service Award — Corporation for National and Community Service

Sept 2017

Best Twilio Hack — hackBCAIII

Mar 2016

AMC 10 Honor Roll — Mathematical Association of America

Feb 2016