

Joseph Scarpa

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EDUCATION

Duke University

Bachelor of Science in Mathematics and Computer Science, and in Philosophy

Durham, North Carolina
2020 - Anticipated 2024

Adelphi University

High School Program: GPA: 4.0

Garden City, New York
August 2018 - May 2020

RELEVANT COURSEWORK

Duke University

- Computer Science 201: Data Structures and Algorithms
- Mathematics 221: Linear Algebra and Applications

Adelphi University

- Computer Science 175: Intermediate Computer Programming
- Computer Science 156: Discrete Structures
- Philosophy 232: Computer and Information Ethics
- Mathematics 142: Calculus Two
- Mathematics 141: Calculus One
- Mathematics 113: Survey of Statistics

TECHNICAL SKILLS

HTML, CSS, JavaScript, Java, Kotlin, Python, R, LaTeX, MATLAB, Mathematica

PROJECTS

Hack Duke 2020

Design Programmer, Blue Developers

Online
December 2020

- Developed a website called The Virtual University Experience using HTML, CSS, JavaScript, p5js, and React to prototype a tool to introduce new college students to studying remotely.
- Received the Best Use of Google Cloud Award .
- Was responsible for implementing a functional user-interface in a short amount of time, as well as learning React.js having only very limited experience before.

"Challenger" An MVP for a social network

2018 – 2019

- Created fully-functional MVP for a social network where users could challenge each other to do certain tasks, earn points and awards through participation, and other communication convenience features comparable to most social networks.

AWARDS

Best Use of Google Cloud

Hack Duke - December 2020

National Merit Scholar

National Merit Scholarship Corporation - April 2020

LANGUAGES

Latin (read and write)

Spanish (basic)