

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: 4.0/4.0

Garden City, New York
August 2018 - May 2020

SKILLS

Languages:

Proficient: HTML, CSS, JavaScript, Java. Some Experience: Python, Kotlin, and LaTeX

Frameworks and Libraries:

Proficient: Bootstrap, p5js, Processing. Some Experience: React, and TailwindCSS

RELEVANT COURSEWORK

Duke University

- Computer Science 201: Data Structures and Algorithms
- Computer Science 230: Discrete Mathematics
- Mathematics 221: Linear Algebra and Applications
- Philosophy 150: Introduction to Logic
- Statistics 199: Introduction to Data Science

Adelphi University

- Computer Science 175: Intermediate Computer Programming
- Computer Science 156: Discrete Structures
- Philosophy 232: Computer and Information Ethics

WORK EXPERIENCE

Captivect Design

Owner/Lead Developer

Old Bethpage, New York
June 2016 – Present

- Started web design business creating custom, unique designs for businesses, individuals, and not-for-profits.
- Developed sites using sustainable, manageable technologies for small businesses and other organizations.
- Helped direct online marketing efforts for clients.

Organist

Substitute/Assistant Organist

Long Island, New York
December 2016 – Present

- Learned sets of hymns and directed church choirs with sometimes no more than a few days notice.
- Got experience adapting on the fly to situations that I could not understand before arriving in them.

PROJECT WORK

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