

MARCO POLIMENI

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📍 **Permanent:** 2108 Sky High Drive, Bartonsville, PA 18321 **School:** 1 Castle Point Terrace, Hoboken, NJ 07030
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EDUCATION

Stevens Institute of Technology ·

Aug. 2019 to May 2022
B.S. Computer Science
GPA: 4.0

Carnegie Mellon University ·

Summer 2018
AP/EA Summer Diversity Scholarship
GPA: 4.0

AWARDS

Lockheed Martin ·

Lockheed Martin STEM Scholar

Princeton University & 1517 ·

Rehack 2019 Highest Recognition for Seed Funding

Bristol-Meyers Squibb ·

HealthTech Hackathon 2019 - 3rd Place Team

Google ·

Google Tech Challenge - 2nd Place Team

Pennsylvania Junior Academy of Science ·

Perfect Score & 1st Award

PROJECTS

Retrace My Steps (Python)

Mathematical logic game of my own design that incorporates Machine Learning, Computer Vision, Tkinter Graphics, recursive backtracking, File I/O, Object-Oriented Programming, and Image Modification. (Presented as a top project at Carnegie Mellon University).

Sorting Algorithm Visualizer (Java)

Visual representation to demonstrate how multiple different sorting algorithms work. Sorting algorithms include: bubble sort, insertion sort, selection sort, merge sort, and quick sort.

ACTIVITIES

Computer Science Club (Vice President) • Peer Leader Program • Balanced Man Scholarship (Programming Chair) • IEEE

SKILLS

Python, Java, C++, Git, Linux,
Data Analysis, Design/Figma, SQL,
LaTeX, TensorFlow, Trello

RELEVANT EXPERIENCE

Stevens Institute of Technology

Research Project Developer/Manager ·
Summer 2020

Developed a system to gain insights on food waste. The system ran on a raspberry pi, utilized tensorflow for image recognition, and sent information to a MySQL database.

Our team paper was presented at IEEE UEMCON 2020.

Stevens Institute of Technology

Algorithms Course Assistant ·

Aug. 2020 to Current

Hold office hours, run recitation sections, and grade assignments, for the undergraduate Algorithms course. Voluntarily host comprehensive review sessions.

Rescribe

Frontend Developer · Summer 2020

Working on frontend components for a service that indexes code for search functionality, using React and GraphQL.

JPMorgan Chase & Co.

Virtual Software Engineer · Winter 2019

Received credentials in establishing financial data feeds, frontend web development, and data vizualization with proprietary software: Perspective.

COURSEWORK

Discrete Structures • Data Structures •
Algorithms • Software Development Process •
Computation and Automata • Computer
Organization