**Caroline M. Abel**

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Morristown, NJ 07960 (973) 525-4668

**Education**

**HARVARD UNIVERSITY** Cambridge, MA

A.B. in Computer Science; GPA: 3.859 May 2023

Courses including Intro to Computer Science, Solving and Optimizing, Abstraction and Design in Computation, Discrete Mathematics for CS, Intro to Probability, Intro to Theory of Computation

**OAK KNOLL SCHOOL** Summit, NJ

Cum Laude Society, High Honors, National AP Scholar, Holy Child Spirit Award, June 2019

Girl Scout Gold Award

**Technical Skills**

**Programming:** C, Python, Java, OCaml, JavaScript, SQL, HTML, CSS

**Operating systems:** Windows 7, 10, MAC OS

**Relevant Experience**

**CS50 (INTRODUCTION TO CS) TEACHING FELLOW** Harvard University

Led weekly section of ~25 students, graded assignments, ran office September-December 2020

hours, and advised final projects. Languages: C, Python, SQL, JavaScript, and HTML/CSS.

**COVEDUCATION**

**Volunteer Web Developer** June-August 2020

Worked part-time on web development team building a new website using React.js for CovEducation, a non-profit continuing K-12 education in the US during the COVID-19 outbreak.

**BOT BEGONE** December 2019

Worked with two students to create a website that gamifies Twitter bothunting with 76% accuracy.

**NJ GOVERNOR’S SCHOOL OF ENGINEERING AND TECHNOLOGY**  Rutgers University, NJ

Collaboration with Mandela Washington Fellow. Group pitch for drone delivery July 2018

of medicine in Africa selected for implementation.

Paper “Adaptive Feedback Protocol for Underwater Vehicles via Software-Defined Acoustic Modems.” Presented at 2018 IEEE MIT Undergraduate Research Technology Conference. Awarded ‘Best Paper’.

**MORRIS COUNTY ARTS WORKSHOP** Mendham Township, NJ

**Instructor in Introduction to Computer Science** January-March 2018

Taught middle school students programming in Scratch and web design.

**GIRLS WHO CODE SUMMER IMMERSION PROGRAM** New York, NY

**AppNexus** July-August 2017

Created Immigration Nation, a website that facilitated access to resources for immigrants in the Greater New York City Area.

**Work Experience**

**HARVARD BUSINESS SCHOOL CREDENTIAL OF READINESS (CORe) ONLINE**

**Certificate** May-August 2020

Completed three courses—Business Analytics, Economics for Managers, and Financial Accounting.

**R. SEELAUS & CO, INC.** Summit, NJ

**Paid Summer Intern** May-August 2019

Worked in Asset Management and Broker Dealer Arms. Earned Bloomberg Market Concepts Certificate.

**Languages and Interests**

Spanish (Intermediate to Advanced)**,** Squash, French Horn, Travel