

Caroline M. Abel

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Education

HARVARD UNIVERSITY

A.B. in Computer Science. Secondary in Economics.

May 2023

Relevant coursework: Intro to Theoretical CS, Data Structures and Algorithms, Economics in Computation, Abstraction and Design in Computation, Discrete Mathematics for CS, Intro to Probability

HARVARD BUSINESS SCHOOL CREDENTIAL OF READINESS (CORE) ONLINE

Highest Honors Certificate

May-August 2020

Business Analytics, Economics for Managers, and Financial Accounting.

OAK KNOLL SCHOOL

Summit, NJ

Cum Laude Society, High Honors, National AP Scholar, Girl Scout Gold Award

June 2019

Technical Skills

Programming: Scala, C, Python, Java, React, OCaml, JavaScript, SQL, HTML, CSS

Operating systems: Windows 7, 10, MAC OS

Relevant Experience

SIMON MARKETS (Acquired by iCapital August 2022)

New York, NY

Backend Engineer Intern

June-August 2022

Created API to support saving annuity allocations in investor tools using Scala, Akka, ZIO, and more.

LOVAGE LABS INC.

Remote

Full-Stack Software Engineer

May 2021-February 2022

First paid engineer at pre-seed AI startup collaborating with founders on software engineering and DevOps.

Y Combinator W22. Utilized FastAPI, AWS, HashiCorp products, Dialogflow, Stripe, MongoDB Atlas, and more.

ENVIRONMENTAL DEFENSE FUND

Remote

Volunteer Web App Developer through Develop for Good

April-June 2021

Helped create website for community members to report environmental hazards.

ARTIFICIAL INTELLIGENCE FOR SOCIAL GOOD LAB

Harvard University

Research Assistant

February 2021-January 2022

Worked on learning legal wildlife trade transportation cost to identify illegal wildlife trade using gradient descent.

TEACHING FELLOW CS50 (INTRODUCTION TO CS)

Harvard CS Department

Led weekly section of ~25 students, graded assignments, ran office

September-December 2020

hours, and advised final projects. Taught and used C, Python, SQL, JavaScript, and HTML/CSS.

COVEDUCATION

Remote

Volunteer Web Developer

June-August 2020

Worked part-time on web development team building a new website using React.js.

BOT BEGONE

December 2019

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

R. SEELAUS & CO, INC.

Summit, NJ

Paid Summer Intern

May-August 2019

Worked on Asset Management and Broker Dealer teams. Earned Bloomberg Market Concepts Certificate.

NJ GOVERNOR'S SCHOOL OF ENGINEERING AND TECHNOLOGY

Rutgers University, NJ

"Adaptive Feedback Protocol for Underwater Vehicles via Software-Defined Acoustic Modems."

July 2018

Presented at 2018 IEEE MIT Undergraduate Research Technology Conference. Awarded 'Best Paper.'

GIRLS WHO CODE SUMMER IMMERSION PROGRAM

New York, NY

Hosted by AppNexus

July-August 2017

Languages and Interests

Spanish (Intermediate to Advanced), Squash, French Horn, CS Mentoring, Travel