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Education

Program	Institution	GPA	Year
MS Data Science	Harvard University Cambridge, Massachusetts	N/A	2022
BA Mathematics, Computer Science	Wesleyan University Middletown, Connecticut	3.95/4.00	2018

Fields of Interest

- Machine learning, programming language design, probabilistic forecasting

Scholastic Achievements

- Phi Beta Kappa, awarded Spring 2018 at Wesleyan University

- Robertson Prize for Excellence in Mathematics, awarded Spring 2016 at Wesleyan University

Coursework

- **Harvard University** Frequentist and Bayesian Methods for Inference and Optimization, Systems Development, Data Science, Individual Risk: Probabilistic Forecasting

- **Wesleyan University** Linear Algebra, Automata Theory, Discrete Mathematics, Multivariable Calculus, Number Theory, Design of Programming Languages, Algorithms and Complexity, Complex Analysis, Functional Programming, Quantum Physics

- **AIT Budapest (Study Abroad Fall 2016)** Android Mobile Development, UI/UX Design, Graph Theory, Combinatorial Optimization

Work Experience

- **African Leadership Academy** Math and Computer Science teacher   Johannesburg, SA *(Aug'18 - Jun'20)*
  - Taught Cambridge A-Level Mathematics and programming in Python to high school seniors
  - Contributed to mentally engaging student life by organizing games and competitions involving math, puzzles, riddles

- **Wesleyan University** Teaching Assistant   Middletown, Connecticut *(Jan '16 - May'18)*
  - Led review sections in theoretical computer science proofs to roughly 20 people, 2x/week
  - Gave personalized feedback on homework submissions with corrections and recommendations

- **Wesleyan University** Admissions Office Interviewer   Middletown, Connecticut *(Aug'17 - Mar'18)*
  - Conducted interviews with prospective students to identify strong candidates
  - Led information sessions with visiting families, helping them holitstically understand the Wesleyan experience

- **Anki** Software Development Intern   San Francisco, California *(Jun'17 - Aug'17)*
  - Developed a computer vision program for the Cozmo robot to navigate its environment based on color signals
  - Demonstrated capabilities of the Cozmo Python Robotics SDK by building sample applications and writing tutorials
  - Contributed to codebase for CodeLab, a robotics programming app built on Scratch

- **Ascend Learning** Data Analytics Intern   Brooklyn, New York *(Jun'16 - Aug'16)*
  - Analyzed Ascend's standardized test data to identify areas of improvement in the mathematics curriculum
  - Built a mobile application providing personalized logistics information for teacher training conference

Technical Skills

- **Languages:** python, java, C#, Standard ML, haskell

- **Software/Tools:** matplotlib, numpy, pandas, skLearn, git, Android Studio, LaTeX

Hobbies

- musician for piano, drums, and organ

- actor and musical director in Wesleyan theater & film productions

- hiking, biking, kayaking, and rock climbing