

# Mihir Mathur

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## EDUCATION

**Carnegie Mellon University**, Pittsburgh, PA

Class of 2026

*BS Statistics and Machine Learning*

*Intended Minor in Computer Science*

- Coursework: Principles of Imperative Computation, Concepts of Mathematics, Reasoning with Data, Principles of Microeconomics, Writing about Public Problems

**Saint Francis High School**, Mountain View, CA

2018 – 2022

GPA: 3.87 U - 4.31 W

- Relevant Coursework: AP Computer Science A, AP Statistics, AP Calculus BC
- Activities: President of Entrepreneurship Club, Varsity Golf, Marching Band

**Harvard University, CS50x**

April 2020 – February 2021

*Certificate of Completion*

- Introduction to the intellectual enterprises of computer science and the art of programming
- Learned computer science concepts through projects in C, Python, SQL, HTML, CSS, and Javascript

[Lego Recommendation Web App](#) - Final Independent Project

February 2021

- Created a web app to recommend Lego sets using extensive datasets from Kaggle
- Skills: Python, Javascript, SQL, Flask

## EXPERIENCE

**Neo4j**

June 2021 – August 2021

*Internship Project*

- Building a covid-conscious travel itinerary recommendation application using the Neo4j graph database
- Developed an interactive graph data visualization for travelers using APIs from AirBnB and Amadeus

**EduConnection**

August 2020 – April 2021

*Chief Marketing Officer*

- Co-Founded a non-profit tutoring organization
- Wrote an in-depth business plan and mission statement for the organization
- Raised over \$600 to pay for 501(c)(3) status

## SKILLS

- Proficient in Python, Java, SQL, C, and Cypher (neo4j graph query language)
- Proficient in Web Programming with HTML, CSS, Javascript, node.js, and Flask
- Proficient with Pandas, NumPy, Sci-kit learn, and Matplotlib libraries