

# Ayman Khan

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## Education

### Middlebury College

*Candidate for Bachelor of Arts, Major in Computer Science*

**Middlebury, VT**

*Expected May 2025*

**Relevant Coursework:** Linear Algebra, Computing for the Sciences, Data Structures, Math Foundations of Computer Science, Computer Architecture, Data Across Disciplines, Machine Learning, Economic Statistics, Computer Graphics, Regression, Educational Testing, Delving into Data, Statistical Learning, Algorithms and Complexity.

**Computer Skills:** Python, R, Java, JavaScript, HTML, CSS, WebGL, Stata, SQL, Excel, QGIS.

## Experience

### Fairbanks Museum & Planetarium

*Data Analyst Intern*

**Hybrid, St. Johnsbury, VT**

*June 2023 - August 2023*

- Used a Machine Learning library in Python called Tesseract to convert handwritten data text to Excel.
- Used libraries like dplyr, tidyverse, and ggplot to perform analysis on the data, and create visualizations regarding trends of flower bloom dates and fruit dates in R.
- Managed an online zooniverse data dashboard where all the visualizations and data were to be published.

### Team4Tech

*EdTech Consultant Intern*

**Remote, Bronx, NY**

*June 2022 - August 2022*

- Collaborated with team members to complete assigned research in order to deliver technical solutions to the NGO partners.
- Created two handbooks, based on the research performed, with fellow team members, each based on the premise of technological reformation, to deliver to the partners.
- Worked as a consultant to the NGO partners to provide technical and educational advice.

### Middlebury Development

*Back End Developer*

**Middlebury, VT**

*September 2023 - Present*

- Assigned to the Back End team to code MiddDash, a prospective website that will function as a food delivery system within the Middlebury College student population.
- Learning the software development cycle through weekly crash courses by the club's senior developers

## Side Projects

### Personal Website

- Used HTML, Javascript, and CSS to code this static personal portfolio.
- Learned the fundamentals of front-end development through the process of creating this website.
- <https://aymankhan2003.github.io/aymansportfolio.github.io/>

### Market-Value Predictor

- Used R and Python to web scrape data, perform data analysis, and create a machine learning model that predicts the market value of different soccer players.
- Used JavaScript, HTML, CSS, and Flask (Python) to create a functioning UI for the model.
- <https://aymankhan2003.github.io/posts/project/ProjectBlogPost.html>

## Additional

LinkedIn: [www.linkedin.com/in/ayman-khan-9b10a91b2](https://www.linkedin.com/in/ayman-khan-9b10a91b2)

Github (Extra Projects) : <https://github.com/aymankhan2003>