

# AIDAN PHILLIPS

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## Education

### Princeton University

Sep. 2021 – May 2025

*Computer Science B.S.E. (Certificates: Entrepreneurship, Optimization and Quantitative Decision Science)*

*Princeton, NJ*

- **GPA:** 3.7/4.0 | **Relevant Coursework:** Algorithms and Data Structures, Computer Science: An Interdisciplinary Approach, Living with AI, Multivariable Calculus, Intro to Microeconomics, General Physics I and II, Introduction to Statistics

### Dominican High School

Aug. 2017 – May 2021

- **GPA:** 4.2/4.0 | **Honors:** Salutatorian, Journal Sentinel Top 10 Athletes to Watch, AP Scholar with Distinction

### University of Wisconsin-Milwaukee

Aug. 2020 – May 2021

- **GPA:** 4.0/4.0 | **Coursework:** Multivariable Calculus, Linear Algebra and Differential Equations

## Experience

### McKinsey & Company

June 2022 – August 2022

*Summer Business Analyst*

*Chicago, IL*

- Work closely with agile team in the startup and fast growing tech practice consisting of a firm expert, three partners, and a senior associate to engage with top startups including unicorns and move conversations towards formal business proposals.
- Perform exhaustive review of proprietary firm assets and capabilities and author internal documentation to guide consulting engagements with startup founders and venture capital funders.

### The Daily Princetonian

February 2022 – Present

*Software Engineer and Business Associate*

*Princeton, NJ*

- Manage advertising accounts for the upcoming "Frosh Issue", read applications and conduct interviews for the business team.
- Research and implement New York Times affiliated internal documentation tool, maintain and update the main website.

### Mathnasium

May 2021 – August 2021

*Instructor*

*Whitefish Bay, WI*

- Communicated mathematical concepts in a fast-paced working environment that involved managing up to four students at a time, each learning a different concept.

## Technical Skills

**Proficient:** Java, HTML/CSS, Bootstrap, Linux, LaTeX, Adobe XD | **Novice:** JavaScript, Go, BASH, Python, Dart, R, React

## Projects

### Connect Four AI | *Java, JavaFX*

December 2021

- Created a playable game of Connect4 from either the command line or from a GUI.
- Implemented the Monte Carlo Tree Search algorithm with variable search depth to play with near-perfect accuracy.

### Personal Website | *HTML, CSS with Bootstrap, JavaScript with JQuery*

September 2021

- Implemented Bootstrap's grid framework with CSS scroll locking in order to design a responsive website for both desktop and mobile and created a custom scrollbar using CSS for a more consistent theme.
- Wrote JQuery methods to add animations that enhance the user experience.

### Statistics Simulator | *Python*

November 2020

- Wrote a pair of programs to simulate simple statistical scenarios and output useful data which was used to demonstrate concepts in AP Statistics with inputs that would otherwise be impractical for in-class examples.

### High School Running Simulator | *HTML, CSS, JavaScript*

April 2020

- Designed a simple web game in which the player must balance schoolwork, athletics, and social life.
- Wrote maintainable code in order to allow for easy re-balancing of game mechanics and addition of new cards and options.
- Designed all pixel art and animations for the project.

## Leadership / Extracurricular

### Boy Scouts of America

Summer 2013 – Present

*Eagle Scout and Assistant Senior Patrol Leader*

*Troop 390*

### Track and Cross Country

Summer 2017 – Summer 2021

*3x State Qualifier, 6x Conference Champion, 4x School Records, 1x Conference Record*

*Dominican High School*

**Clubs:** Princeton E-Club, Princeton Data Science Club, Princeton Quantitative Finance Club, Google Student Developer Clubs