

# AIDAN PHILLIPS

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## Education

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### Princeton University

Sep. 2021 – May 2025

*Computer Science B.S.E. (Intended Certificates: Finance, Optimization and Quant. Decision Science*

*Princeton, NJ*

- Relevant Coursework: Multivariable Calculus, Intro to Microeconomics, Computer Science: An Interdisciplinary Approach

### University of Wisconsin-Milwaukee

Aug. 2020 – May 2021

*GPA: 4.00/4.00*

*Milwaukee, WI*

- Relevant Coursework: Multivariable Calculus, Linear Algebra and Differential Equations

### Dominican High School

Aug. 2017 – May 2021

*GPA: 4.15/4.00*

*Whitefish Bay, WI*

## Experience

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### Mathnasium

May 2021 – Present

*Instructor*

*Whitefish Bay, WI*

- Taught students from kindergarten through high school with a wide range of abilities.
- Effectively communicated mathematical concepts in a fast-paced working environment that involved managing up to four students at a time, each learning a different concept.
- Delegated tasks when necessary and provided assistance to other instructors when appropriate in order to ensure students received the best instruction possible.
- Had new instructors "shadow" me while instructing.

### Milwaukee Code Club

Oct. 2018 – Apr. 2019

*Assistant Teacher*

*Whitefish Bay, WI*

- Guided approximately 50 2nd - 4th graders through the introductory stages of programming.
- Provided one-on-one instruction in order to give students a foundation upon which to apply higher-level concepts and expand knowledge through individual experimentation.
- Designed engaging student activities that incorporated concepts learned over the 8-week course

## Projects

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### Personal Website | *HTML5, CSS3 with Bootstrap, JavaScript with JQuery,*

September 2021

- Built a website from scratch within a 48 hour time frame.
- Implemented Bootstrap's grid framework with CSS scroll locking in order to design a responsive website for both desktop and mobile.
- Created a custom scrollbar using CSS for a more consistent theme.

### Pace Calculator and Athletic.net Companion | *Java*

October 2018 / July 2019

- Created a pair of Java applications to enhance the information provided by Athletic.net, a service that compiles times run by high school running athletes.
- Scraped data from the web using the JSoup library and cached it to allow for faster run times and offline capabilities.
- Used formulas based on the research of Dr. Jack Daniels to predict times in all events up to the marathon based on current and peak fitness.

## Technical Skills

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**Languages:** Python, Java, HTML/CSS, JavaScript

**Technologies/Frameworks:** Linux, GitHub, VS Code, Adobe XD

## Leadership / Extracurricular

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### Varsity Track and Cross Country

Fall 2017 – Summer 2021

*Captain*

*Dominican High School*

### Eagle Scout

Summer 2013 – Present

*Assistant Senior Patrol Leader*

*Boy Scouts of America*