

# Finian Allen

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## Education

### **THE GOVERNOR'S ACADEMY HIGH SCHOOL 24'**

- Related coursework: AP Computer Science A, Honors Chinese 4 Independent Study, AP Calculus 1, AP Statistics
- Current GPA (weighted) 4.52
- High Honor Roll

## Professional Experience

### **FOUNDER, HEAD DEVELOPER | BARNABY INTERACTIVE | JULY 2022-PRESENT**

- Developed architecture with Python to connect to Interactive Brokers' API in order to automatically execute trades.
- Researched and created financial algorithms that trade securities derived from quantitative data.
- Implemented these algorithms with software that I created in order to generate profit.
- Managed finances and tracked expenditures for the company.
- Developed and maintained client-based relationships.

### **INTERN | RIVER BIRCH PARTNERS | AUGUST 2023-PRESENT**

- Produced extensive research on various markets for clients.
- Created pitch decks for clients.
- Participated in the acquisition and sales of various private entities.

## **INTERN | FRUH REALTY | JUNE-2021-AUGUST-2021**

- Developed a deep understanding of Newburyport MA's real-estate market
- Completed paperwork and legal documents for listings and purchases
- Developed a program to view MLS listings more efficiently with python
- Participated in the sales of various properties.

## **Leadership Experience**

- Led a team of peers in the Wharton Global Youth Program Investment Competition where we returned over 10% for our client by investing in fundamentally attractive and strong companies that fit our client's ethical standards.
- Founder and head of AI Club, our school's first machine learning and artificial intelligence-based club where we educate our peers about the applications of AI and work on AI/ML based projects together.
- Founder and head of STAG (Stock Trading At Goves), an investment-based club where we organize and deliver educational presentations to our peers in order to teach them about investing, personal finance, and financial analysis.

## **Skills and Interests**

Fluent in Python, Familiar with JavaScript, CSS, HTML, & C++.

- Experience with securities and derivatives trading as well as advanced risk management.
- Experience in quantitative and qualitative analysis of companies.
- Proficient in Pandas and NumPy, Python's industry standard data science libraries.
- Elementary proficiency in Mandarin Chinese.