

# William Fan

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## EDUCATION

### William & Mary

B.S. in Computer Science

Williamsburg, VA

Anticipated Graduation May 2026

**Relevant Coursework:** Multivariable Calculus, Linear Algebra, Data Structures, Algorithms, Software Development, Foundations of Math, Business Statistics, Principles of Accounting

## WORK EXPERIENCE

### Dominguez Wealth Management Solutions

Office Intern

Williamsburg, VA

June 2023 – August 2023

- Participated in and contributed to the daily operations of the firm
  - Attended meetings to discuss clients' desired risk in their portfolio and determine their account distribution as well as aided fixed income calculations by calculating social security in Excel
  - Engaged with wholesalers and took notes on their various ETFs and their composition
  - Implemented a system to organize notes for hundreds of clients' meetings, calls, reviews, and plans

### Second Pillar Consulting

Intern - Python Developer

Glen Allen, VA

May 2023 – August 2023

- Collaborated in the development of climate change forecasts for financial institutions to conduct stress testing
  - Wrote Python and Scala modules to implement technical indicators and metrics as described in published research
  - Ensured code was optimized for processing 30+ TBs of climate data
  - Used Sphinx module to write documentation to enhance code readability and usability
  - Implemented unit tests to ensure code is accurate

### McCormack-Nagelsen Tennis Center

Teaching Assistant & Front Desk Attendant

Williamsburg, VA

June 2022 - Present

- Develop tailored lesson plans and collaborate with fellow teaching pros to instruct students across a broad range of skill sets and ages
- Verify transactions, process payments, and update member information to ensure accuracy in the center's financial reporting and information databases

## LEADERSHIP EXPERIENCE

### Sigma Chi Fraternity

Magister

Williamsburg, VA

January 2024 – Present

- Implement Sigma Chi's accredited hybrid new member education program
  - Plan weekly meetings to present on fraternity and chapter history and ritual
  - Encourage values-based decision making to new members through weekly activities and discussions
  - Act as a mentor for new members by providing guidance in balancing schoolwork and other responsibilities
- Lead conflict resolution between new members as a mediator for disputes

## TECHNICAL SKILLS AND ACCOMPLISHMENTS

**Technical Skills:** Proficient in Microsoft Office, Google Suite, and Python, Java, C++, R, Javascript, React, Typescript, HTML, CSS, Node.Js

**Accomplishments:** Won Best Finance Hack Runner-Up at TribeHacks IX, Achieved an SAT score of 1530 – 780 Math & 750 Reading and Writing – 99<sup>th</sup> percentile, Awarded Dean's List for the Spring of 2023 for maintaining a GPA of 3.60+

## ADDITIONAL EXPERIENCE AND ACTIVITIES

### McCormack-Nagelsen Tennis Center

Aceing Autism Volunteer

Williamsburg, VA

March 2019 - Present

**Activities:** Sigma Chi Fraternity, Finance Academy, Club Tennis, Association of Computing Machinery