

Kaushik Vejju

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EDUCATION

University of Maryland-College Park

Major: *Computer Science (B.S)*

GPA: 4.0/4.0

College Park, MD

August 2021- May 2024

- **Relevant Coursework:** Data Structures, Calculus II
- **Activities & Societies:** College Park Scholars, Scholars Advisory Board (SAB), Smith Investment Fund

Monroe Township High School

GPA (Weighted): 101.328, **Rank:** 13/611

Monroe Township, NJ

September 2017- June 2021

- **Relevant Coursework:** AP Computer Science A, AP English Language & Composition, AP Statistics, AP Physics 2, AP Calculus AB, AP Microeconomics, AP Physics 1: Algebra Based, AP Psychology

SKILLS & TECHNOLOGIES

- Java
- Python (Data Analysis & Visualization)
- HTML, CSS, JavaScript
- Object Oriented Design

WORK EXPERIENCE

Smith Investment Fund (SIF)

Junior Quantitative Analyst

College Park, MD

October 2021 - Present

- Selected member of Quantitative Team, responsible for researching and generating optimal trading strategies for the fund's investment portfolio; Received introductory Quantitative Finance training for the fall semester.
- Developed a momentum-based alpha trading strategy using Python libraries & SIF's infrastructure; tested the performance of the model against the S&P 500 using past market data.

Finacle Soft Inc.

Technology Intern

Princeton, NJ

July 2020 – September 2020

- Developed demos and provided documentation for the company's Swift CDS product, a digital application for credit trading and risk analysis.
- Utilized Python and the QuantConnect platform to learn and document findings on algorithmic trading & gain an understanding of key financial concepts, including credit default swaps, ETFs, and the Forex market.

STEAM Works Studio

Instructor

West Windsor, NJ

July 2021 – September 2021

- Instructed Pre-K to 8th grade students on STEM related topics, particularly forensics, 3D modeling, Lego Robotics, Scratch, and Python.

EXTRACURRICULARS & LEADERSHIP EXPERIENCE

Scholars Advisory Board (SAB)

Board Member

College Park, MD

September 2021 - Present

- Student representative for Science, Discovery, and The Universe Scholars program
- Coordinates with board members regarding Scholars-related events and initiatives to improve students' experience in College Park Scholars; Manages Scholars events, including Service Day and Fall Fest.

Innovation and Entrepreneurship Club

Selected Member

Monroe Township, NJ

December 2018 – January 2020

- Worked with a group of students to develop and present a business proposal for *VOICE*, a digital app for hearing loss. This proposal was given to school board members and local entrepreneurs in Monroe Township, NJ.
 - [Click To View Business Proposal](#)

PROJECTS

- **[Alpha Trading Strategy](#):** End of semester project for the Smith Investment Fund, where new analysts collaborated to code a trading strategy/model that would be compared with S&P 500 performance.
- **[Netflix Dataset Analysis](#):** Used Kaggle Kernels to analyze and draw conclusions from a dataset of Netflix TV shows and movies from 2019.
- **[Java Fighting Game](#):** Java-based game that simulates a fight between two characters. However, there is a twist: players can only land attacks when guessing the correct random number.