

Pearce Strickland

Education

Georgia Institute of Technology

Atlanta, GA

B.S. in Computer Science GPA: 3.61

June 2020 – May 2024

- **Concentrations:** Intelligence & Information Internetworks
- **Selected Coursework:** Data Structures & Algorithms, Applied Combinatorics, Computer Organization and Programming, ObjectOriented Programming

Experience

Georgia Tech Investments Committee

Atlanta, GA

Senior Quantitative Analyst

Nov 2020 – Present

- Manages \$2 million endowment fund
- Leads a team of analysts that research and create algorithms to determine how to allocate committee funds

Georgia Tech Men's Basketball

Atlanta, GA

Manager

Aug 2021 – Present

- Responsible for daily practice set up logistics
- Work directly with players to make sure they are adequately prepared
- Video during gamedays and edit video for social media

Camp Bow Wow

Austin, TX

Backhouse Manager

May 2021 – Aug 2021

- Managed and fed 120+ dogs daily
- Assigned tasks and responsibilities for employees
- Worked directly with customers to ensure the safety and security of their dog

Just Dropped Sneakers

Austin, TX

CEO, Founder

July 2017 – Present

- Specializes in online and regional consignment of exclusive athletic apparel
- Exceeded \$30,000 in sales in Summer 2020 quarter
- Responsible for marketing, inventory control and sales

Projects

Returns Analysis

Used python to provide a quantitative method to analyze return drivers for a holding. This tool uses pandas and numpy to provide visuals that allow a user to analyze the growth valuation multiples vs the growth of their underlying fundamentals. Users can confidently differentiate between opinion of market and fundamental growth.

Value Composite 2

Used Bloomberg's query language to retrieve technical data for all stocks in the S&P 500 weekly. This data is filtered using a strategy and it outputs a list of top stocks to buy. Georgia Tech Investments Committee currently uses this BQL code and has \$20,000 invested in the strategy.

Collaboration

Building two trading algorithms in python using Alpaca API and Backtrader. One is finished and based around the moving average convergence divergence using Backtrader's framework to evaluate technical indicators. Another more advanced algo is in progress that is machine learning based. Hope to forward test and have quantifiable results to show by August 2022.

Skills

Languages: Java, Python, C++, SQL, HTML/CSS, Swift, JavaFX

Personal Investment/Finance: Cryptocurrency, futures trading, put and call analysis, long-term investment analysis

Collaboration: Group problem solving, equitable workload solutions, creating proactive and dynamic environment