

JAYASAI L. SOMASUNDARAM

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EDUCATION

Georgia Institute of Technology- BS in Computer Science (3rd Year)/MS in Finance
GPA: 3.53/4.00 SAT: 1570/1600

Atlanta, GA
May 2025

SKILLS

Languages: Python, Java, JavaScript, C, MATLAB

Tools/Other: React, Node, Git, Amazon Web Services, Docker, Tensorflow, Torch, Keras

Certifications: CMT Level I (Chartered Market Technician), AWS (Amazon Web Services) Certified Solutions Architect

EXPERIENCE

SalesStrike Incorporated (Start Up)

Atlanta, GA

Founder and CEO

Jan 2022 - Present

- Founded this company and came up with the idea of allowing the securitization of commodity products
- Designed and deployed a full-stack application through **AWS** to allow users and business to profit
- Utilized several existing APIs to allow our platform to interact with Amazon, ShipBob and other platforms

Shyne Consulting (Start Up)

NY/NJ

Chief Technology Officer

July 2022 - Present

- Founded the technology side of small business consulting with 5+ clients in less than a month

OIT (Office of Information Technology) Networking Team Georgia Tech

Atlanta, GA

Head of Discretionary Trading, Member

Sep 2022 - Present

- Taught students the basics of day-trading as well as organized events to spread awareness about financial literacy
- Formed a trade plan and process for allowing students to suggest trades and utilize organization trading capital

PINS Institute of Georgia Tech

Atlanta, GA

Web Developer and Manager

Aug 2021 – Aug 2022

- Organized structure of dated website using systematic hierarchy that optimized speed and user experience
- Delivered an update plan that explained how to manage the website in a manner that solved design issues
- Aided all four departments of PINs in generating their own webpages to bring users to their part of the platform

Options and Equities Day Trader

Atlanta, GA

Head of Discretionary Trading (GT Trading Club), Day Trader

Jan 2022 - Present

- Day trading the market open for the past three years and optimizing discretionary volatility-based strategies
- Led the discretionary sector of the GT Trading Organization and built the basis in the organization's first year

PROJECTS

Super and Unsupervised Learning to Optimize Long Term Stock Selection

Atlanta, GA

Machine Learning @ GT

Sep 2021 – May 2022

- Designed an overall project flow that allowed the use of clustering in feature selection for linear regression
- Compared TSNE, K-Means and other forms of feature reduction and clustering for overall performance
- Utilized linear regression, non-linear regression and random forest modeling to predict long term trend
- Collected data and analyzed performance with the help of Root Mean Squared Error and different norms

AWS Alpha to Beta Migration

Atlanta, GA

SalesStrike Platform Migration and Solutions Design

Jun 2022 – Aug 2022

- Converting the initial alpha prototype that was designed on AWS into a deployable stack
- Migrating the Amplify App to a proper platform designed in React, Python, Go which used other AWS services
- Structuring the back and front end to act in a manner which allowed continuous updates and a stable deployment

ACHIEVEMENTS

Dean's List – Georgia Institute of Technology

May 2022

Top 10 at I2P Pitch Competition - Georgia Institute of Technology

Feb 2022

National Merit Commended Scholar (PSAT)

May 2021

Eagle Scout - Boy Scouts of America

Apr 2021

NSDA Public Forum Debate - Top 50 Teams Nationally

May 2020