

# JAYASAI L. SOMASUNDARAM

(954) 895-8246 | [jsomasundaram3@gatech.edu](mailto:jsomasundaram3@gatech.edu) | [jayasaisomasundaram.com](http://jayasaisomasundaram.com) | [linkedin.com/in/jsai23](https://www.linkedin.com/in/jsai23)

## EDUCATION

**Georgia Institute of Technology- BS in Computer Science (3<sup>rd</sup> 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