

# 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** Atlanta, GA  
**GPA: 3.53/4.00 SAT: 1570/1600** 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 Cloud Practitioner

## 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