

SRI HARI SIVASHANMUGAM

Phone: [+1 \(312\) 478 9332](tel:+13124789332) | Email: ssivashanmugam@hawk.iit.edu

Address : [Box#2793, 3201 South State Street, Chicago, IL](#) | <https://www.linkedin.com/in/srihari17/> | <http://srihari.is-a.dev/>

EDUCATION

Masters | Illinois Institute Of Technology, Chicago, IL
Major: Data Science.

Aug 2021 – PRESENT

Bachelor Of Technology | Amrita Vishwa Vidyapeetham, Coimbatore, India
Graduated with Distinction (highest honor). Major: Computer Science and Engineering, GPA: 8.9/10.

May 2017 – May 2021

High School | Velociity Junior College, Hyderabad, India
Percentage: 89.5%.

May 2015 – May 2017

EXPERIENCE

CATERPILLAR INC.

Data Science (College) Internship | Chennai, India

Jan 2021 - Jul 2021

- Worked on Marketing to Sales Attribution Project; had to determine the sales per marketing campaign using multiple statistical methods.
- Worked on improving the second purchase for customers with a single purchase using innovative solutions.
- Worked on extracting the important features using the latest methods from over 90+ existing features for the existing customer purchase model.
- Designed an optimized web page for the Customer Experience division, which will be used on a daily basis by over 45000+ people.

AT&T

Summer Learning Academy Externship | Virtual

Jul 2021 - Aug 2021

- Learned about Personal Development, Business, Technology, and insights on life at AT&T direct from the leadership and experts in their field.
 - Gained knowledge in a wide range of domains ranging from Machine Learning to Design Thinking to Sales Integrity. Was introduced to the latest 5G and edge technology.
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LEADERSHIP & ACTIVITIES

Amrita Quench

Project Head | Coimbatore, India

- Planned and commissioned a team to estimate the unutilized rainwater. Developed a project plan.
- Worked with the resources division to implement the plan throughout the campus, saving over 900 gallons of rainwater.

Integrity Preserved Multifactor Authentication Based Automated Ticketing System

Team Lead - Research Project | Coimbatore, India

Nov 2019 - Feb 2020

- Studied the previous work on the blockchain system; Worked on creating a Non-RFID-based secured and cost-effective transportation wallet system.
- As the team leader, had to report continuous proceedings to our guide and convey back the mentor's responses to the team. Composed the results into a research paper.

Enhancing Security Of One Time Passwords In Online Banking Systems

Team Lead - Research Project | Coimbatore, India

Sep 2018 - Jan 2019

- Surveyed the existing work on the security system used at various levels; Structured the findings of the study to further research on multilevel security used in the back end
- Scheduled regular sessions to mediate the work and findings among other team members
- Along with the team, I compiled the results to publish a research paper in an international journal and presented the work in front of an esteemed panel of judges.

Robinhood Army

Volunteer | Coimbatore, India

- Diagnosed the food shortage issue at a city level; Initiated talks with the restaurant partners
 - Strategized a plan and motivated over 40+ individuals including but not limited to college students, working professionals to collect surplus food and redistribute it to the council estate, thus helping 100+ people every weekend.
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SKILLS & INTERESTS

Programming Languages: Python, Java, C

Data Science Skills: Feature Engineering, Data Visualization, Machine learning, Deep learning, Hyperparameter Tuning, Attribution Modelling, Survival Analysis

Web Application Tools: React JS, Node JS, Flask, HTML, CSS, JavaScript

Database Skills: SQL

Platforms: Windows OS, Google Cloud Platform, Linux OS

Interests: Swimming, Reading, Hiking, Cycling