

Sri Anumakonda

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PROJECTS

End2End Learning for Lateral Control | [Github](#)

Nov. 2021 – Jan. 2022

- Implemented NVIDIA's End2End Learning Paper from scratch to create a network for lateral control of autonomous vehicles
- Researched various types of mechanisms and prototyped with several types of networks such as attention networks, interpretable end2end, and lateral control with MPC
- Broke down end2end approaches of companies such as Wayve and comma.ai and created POCs to understand what needs to be true to create fully end2end systems

DataGAN: Leveraging Synthetic Data for Self-Driving Vehicles | [Github](#) [Medium](#)

Sept. 2021 – Nov. 2021

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

Become a Self-Driving Car Engineer | [Term 1](#) [Term 2](#) [Capstone Project](#) [Certificate](#)

Mar. 2021 – May. 2021

- Became one of the youngest certified self-driving car engineers in the world, after going through Udacity's nanodegree from start to finish in 12 weeks
- Learned everything there is to know about self-driving, from sensor fusion and localization to trajectory controlling and execution using PID controls
- Was featured on Udacity's [YouTube channel](#) and had an article written about me by both [Udacity](#) and [David Silver](#) for the work that I'm doing
- Written 5+ articles on my medium spanning across the parts of AV software + the technicals behind it

EXPERIENCE

Associate Member

June 2022 – Present

Masason Foundation

Austin, TX

- Founded by Masayoshi Son, the Masason Foundation is a program that helps young individuals to develop skillsets to create the world of tomorrow, and contribute to the future of humankind
- I'm one of the 34 members selected of the 2022 cohort (Gen 6), currently am pursuing self-driving and AI research there

Alumni

Sept. 2020 – June 2022

The Knowledge Society

Toronto, ON

- Underwent human accelerator training for 2 years, where I learned about mindsets and philosophy and gained the skillsets to solve some of the world's biggest problems
- Worked with [Shell](#), [the UN](#) and [Instacart](#) on reducing carbon emissions by 50%, creating post-secondary pathways for women in South Africa, and creating systems to incentivize shoppers and employees respectively.
- Built 20+ AI projects in the space of 12 months, ranging from [Mask Detection](#) to [Skin Cancer Detection](#)
- Full portfolio can be viewed [here](#)

EDUCATION

Westwood High School

Austin, TX

G/T Program with APs

Aug. 2022 – May 2024

The Woodlands School

Mississauga, ON

Enhanced Learning Program

Sept. 2020 – June 2022

TECHNICAL SKILLS

Interests: Autonomous Vehicles, Computer Vision, Artificial Intelligence, Deep Learning, Trajectory Generation, Localization, Hardware

Languages: Python, C++, Java, HTML/CSS, JavaScript, Git

Frameworks: PyTorch, Tensorflow, Keras, OpenCV, NumPy, scikitLearn, Matplotlib, AWS