

Personal Profile for Letter of Recommendation

Name: Adityan Thirumani Srinivasan **Email:** thirumani.adityan@gmail.com

Academics:

GPA	9/10
Test Scores	N/A
Courses Taken	Physics, Chemistry, Maths, Computer Science, English

Colleges you're applying to:

Brown University
California Institute of Technology (Caltech)
Carnegie Mellon University
Columbia University
Cornell University
Duke University
Georgia Institute of Technology
Harvard University
New York University
Princeton University
Purdue
Penn State
Stanford University
University of Chicago
University of Pennsylvania
Yale University
University of California Los Angeles
University of California Berkeley
University of Illinois Urbana-Champaign
Massachusetts Institute of Technology
University of Wisconsin Madison
University of Washington

Activities:

Activity Title	Date/Year	Description	Status
Founded A Non Profit Organization	2024	Founder of Zeriux Labs a Non-Profit Organization Which Aims in Helping People With Latest AI Technologies	Completed
Developed An App and Published to Play Store	2024	Developed an App, ProAct+, Which Leverages AI to help people Schedule their Tasks in an organized manner and monitor their progress. The App can also help the user in completing the Tasks as well with our Inbuilt AI Chatbot. The App Also has a feature to Block Apps in the period of scheduled tasks helping the user to retain focus. The App is currently published on Google Play Store with around 100+ Active Users and ongoing to publish on the Apple App Store.Participated In Gemini API Competition with our Entry ProAct+.	Ongoing
Built An AI Model	2024	Developed and implemented an AI model for various applications Such as research & Stock Prediction, impacting over 500 users with cutting-edge technology.	Completed
Participation In NYAS Jr Program	2024	In the NYAS Junior Academy Program, I served as the team lead for the DeFake AI Project, addressing the critical challenge of deepfake detection and misinformation. Our goal was to create an AI-powered web platform capable of identifying manipulated videos with high accuracy. I coordinated a multidisciplinary team through key phases, including dataset curation, model training, and application deployment.	Ongoing
Chess	2024	Established and led the Mayoer Chess Club, growing it to over 50 members Helping and Nurturing in Chess.	Completed

Live Captioning Glasses	2024	Developed and Built An Attachment to Glasses That Enables Live Captioning and Raised funds of 5000\$ and donated 100 Attachments to the deaf community,	Ongoing
Assistant Head Boy	2024	I was elected to Serve as The Assistant Head Boy for The Academic Year 2024-2025.	Completed
HoloBand	2024	Built The HoloBand Which is a wearable device that Creates 3D holograms using a high-resolution display and prism. It features an offline AI voice assistant for hands-free interaction, enabling users to issue commands and receive responses without needing an internet connection.	Ongoing
Internship	2024-2025	AI/ML Intern At Dyne Research, A Company that is Backed by Microsoft for Startups	Ongoing
Research	2024	Published research on advanced prompt engineering methods, contributing to the field of AI by exploring techniques to enhance model performance and address restrictions.Currently Published in JEI.	Ongoing

Awards or honors:

Title	Year Received	Description
Unified Robotics	2023/2024	Lead My Team To The UAE National Finals 2024 For Unified Robotics Before which we had won the Best Presentation Award for Regionals And Top 3 in Technical Round.
F1 in Schools	2024	Participated and Qualified to The F1 in Schools UAE National Finals 2024
Science Fair “Bazinga”	2024	Winner of Science Fair in The Category Nanotechnology and Waves by Making a Working Prototype of a

		Magnified version of a Nanobot
Chess Rating	2024	Achieved a Classical International FIDE Rating of 1602,Placing me in The Top 3966 In India
CBSE Chess Clusters	2024	CBSE UAE U17 Chess Champion and Qualified To represent Mayoor In The National Finals held in India.
CodeQuest Season 2	2024	Winner Of The CodeQuest Season 2 Competition In the App Development Category
Annual STEM Competition	2024	Placed 6th/Top 3% in the Annual STEM Competition Hosted By ABu Dhabi University with 200+ Schools and 3000+ Students

Five adjectives you would use to describe yourself and why:

- 1) Innovative: I'm always pushing the boundaries of technology, developing unique solutions like ProAct+ and hologram-based wearable tech.**
- 2) Driven: I'm committed to excellence, as shown by my achievements in app development, competitive robotics, and leadership roles.**
- 3) Creative: I have a knack for coming up with novel ideas, such as live-captioning glasses and the HoloBand project.**
- 4) Resourceful: I make effective use of available tools and knowledge to solve complex problems, like integrating AI and tech into practical applications without Wi-Fi.**
- 5) Empathetic: My work on assistive technologies, such as glasses for the hearing-impaired, reflects my deep concern for improving the lives of others.**

Elaborate on any major personal projects & accomplishments:

One of my most significant personal projects is ProAct+, an app I developed to combat procrastination and help people manage their time more effectively. This project allowed me to integrate advanced AI features with a user-friendly interface, making productivity a more achievable goal for many.

Another major accomplishment is my work on the HoloBand, a hologram armband project. Using a Raspberry Pi Zero 2 W, I created a device that projects holograms and acts as a voice assistant. This project involved developing a local AI model to process voice commands without needing Wi-Fi, showcasing my ability to blend hardware and software in innovative ways.

Additionally, I'm proud of my live-captioning glasses, designed to assist those with hearing impairments. This project combined my interest in wearable technology with a genuine desire to improve accessibility for others.

My achievements also extend to competitive arenas. I've participated in the F1 in Schools competition and Unified Robotics, where my team won the Regional Presentation Award and qualified for the UAE Nationals. Leading these efforts honed my skills in teamwork and technical presentation.

What is the overarching theme of your application? Do you have a spike? If so, what is it?

The overarching theme of my application is technology-driven innovation for social good. My projects and accomplishments reflect a deep commitment to using technology to address real-world problems and improve the quality of life for others.

My spike is in developing and implementing cutting-edge technologies that have practical and meaningful impacts.

Additional information (extenuating circumstances, talents, hooks, etc.):

In addition to my technical accomplishments, I served as the Assistant Head Boy, where I developed strong leadership and organizational skills. My role allowed me to contribute significantly to school life and enhance my ability to manage responsibilities and lead a team.

I've also been passionate about badminton for the past 5 years, making the school

team for the last 3 years. This experience has honed my teamwork, discipline, and strategic thinking abilities.

One of my notable achievements is participating in a competition held by Google, where I showcased ProAct+. This opportunity allowed me to present my work on a global stage and demonstrated the practical impact of my technology-driven solutions.