

Eashwar Siddha Satish Nath

S/O SATISH NATH SSL
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AI & COMPUTER SCIENCE UNDERGRADUATE | AGRI-TECH ENTHUSIAST

EDUCATION

- Current – BSc (Hons) Computer Science with Artificial Intelligence | *University of Nottingham Malaysia* | Exp. 2027
[Year 1 – First Class Honors]
 - CBSE Senior School (Class XII) | *The Velammal International School, Chennai* | 2024 **[Score: 93.2%]**
 - CBSE Secondary School (Class X) | *Srimathi Sundaravalli Memorial School, Chennai* | 2022 **[Score: 95.2%]**
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TECHNICAL SKILLS

- **Languages:** Python, Java (JavaFX), C, HTML, PHP, ARM Assembly
 - **AI/ML:** PyTorch, TensorFlow, Mediapipe, YOLO, U-Net, Computer Vision
 - **Tools:** Git, Hardware Simulation (HDL), LibGDX
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EXPERIENCE

- **Team Leader** | Software Engineering Group Project 2025-2026
 - Leading a group of 4 students and working with Agritix Sdn Bhd to make a All-Inclusive Mobile App for farmers. (University Module)
 - **Publicity Officer** | *CS Tech Fest 2025*
 - Managed publicity campaigns and student engagement through Instagram Reels.
 - **Research Intern** | *University of Nottingham Malaysia* | 2025
 - Worked on a U-Net based Semantic Segmentation tool for Soybean Germination Analysis.
 - **Student AI Intern** | *University of Oxford (Dr. Ken Kahn)* | 2023
 - Worked on a VGG16 based Rotten Fruit/Vegetable Detector.
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AGRI-TECH PROJECTS

- Artificial Intelligence based rotten fruit detector called Pocket-Farmer.
 - U-Net based Semantic Segmentation of Soybean Sprouts for Germination Analysis.
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OTHER PROJECTS

- Terminal Based Contacts Manager using C.
 - Maze Solver to visualize search algorithms using Python.
 - Clone of the Tetris game using JavaFX.
 - OCR Handwriting Recognition model trained from scratch with a Drawing interface.
 - A computer vision app using Mediapipe for finger-gesture drawing.
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ACHIEVEMENTS

- **SAT Top Performer India Award (2023):** Achieved a score of 1360.
- **TCS InQuizitive (2023):** Ranked Top 96 nationally in India.
- **IELTS:** Overall Band Score of 7.5.
- **Ranked 3880 Internationally with Zonal (Tamil Nadu) Rank of 292** in SOF National Science Olympiad 2015.