Venkatakrishnan Asuri

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Education

- **Indian Institute of Technology Madras**, Chennai, India
  Bachelor of Technology in Engineering Physics **CGPA: 9.08** (Expected: Aug 2027)

- **Maharishi Vidya Mandir Senior Secondary School**, Chetpet, Chennai
  Central Board of Secondary Education (Class XII) **Percentage: 95.20** (March 2023)

- **D.A.V Boys Senior Secondary School**, Gopalapuram, Chennai
  Central Board of Secondary Education (Class X) **Percentage: 97.60** (March 2021)

Skills

- **Programming:** C, Verilog, Python, C++, Mathematica, Julia (Elementary), MATLAB (Elementary)
- **Mathematics:** Multivariable Calculus, Linear Algebra, Differential Equations, Number Theory, Combinatorics, Probability and Statistics
- **Physics:** Classical Dynamics, Mathematical Physics, Computational Physics, Spectroscopy

Key Courses Taken

- **Mathematics:** Multivariable Calculus, Series and Matrices, Probability and Statistics, Combinatorics
- **Physics:** Classical Dynamics, Mathematical Physics, Thermodynamics and Kinetic Theory, Electromagnetism, Computational Physics, Spectroscopy
- **Electrical Engineering:** Digital Systems (Theory + Lab), Signals and Systems, Circuits and Networks
- **Quantum Computing (in progress):** Two-semester course by The Coding School and Google AI

Achievements and Test Scores

- **JEE Advanced 2023:** Secured **All-India Rank 1236** among 150,000 candidates
- **JEE Mains 2023:** Secured **All-India Rank 1773** among 2,200,000 candidates
- **ISI B.Math Entrance 2023:** Secured All-India Rank **34**
- **IISER Aptitude Test 2023:** Secured All-India Rank **286** out of 35,000 candidates
- **NEST 2023:** Secured All-India Rank **35** out of 45,000 candidates
- **INChO 2023:** Placed among **top 1%** in NSEC and qualified for INChO
- **NSEP 2023:** Placed among the **top 1%** of state in NSEP
- **INOI 2021 and 2020:** Cleared Zonal Informatics Olympiad and qualified for INOI
- **IBM QC Course 2021:** Completed an introductory Quantum Computing course by IBM and QXQ
- **NTSE Scholar :** Ranked among **top 2000** of 100,000 candidates

Extracurriculars

- **Classical Music:** Learnt Carnatic Vocal music for 13 years, also play the Carnatic Violin

- **Chess:** Played chess actively for the past **14 years** and participated in tournaments

- **Artist:** Completed **10** course levels with a certificate at **GlobalArt India**

- **Football:** Played for Mahogany FC for **8 years**, competing in city-level tournaments

- **Languages:** Fluent in Russian and French, speak other Indian Languages as well

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