

Manoj Elango

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ACHIEVEMENTS

Chess

Awarded “Best Player” in Intramurals 2014 - 2021
Winner of the Kanchi Chess State Level Tournament 2018
Earned an International FIDE Rating of 1200 2015-Present

Model United Nations

Participated in the WIMUN Geneva Nov. 2014 - Dec. 2016
2019

- Represented the Country of Brazil in the General Assembly

Robotics

Participated in the World Robot Olympiad 2018,2019

- Built and Programmed the Lego EV3 to build a line following and block sorting robot.

Projects

First educational mobile app 2020

- Created an educational mobile app individually to help 12th grade students to access notes and documents easily.
- Programmed Using Flutter and Dart

Interactive text adventure game 2021

- Coded an input by text based interactive game with multiple outcomes and a series of quests.
- Programmed Using C++

Mini projects using the Raspberry pi

- Designed and Built a music streaming device, mini rover, Minecraft server, LED Display and a few other small projects using the Raspberry Pi 4B

EDUCATION

University of California, Davis | Bachelor of Science in Computer Engineering Expected Dec. 2025

Chennai public school , India | High School, CBSE , Computer Science 2014-2021

- Scored 93% in Grade 10 Board Exam
- Scored 95% in Grade 12 Board Exam

CS COURSEWORK

- Intro to Programming in C
- Object Oriented Programming in C++
- Discrete Mathematics for Computer Science
- Data Structures, Algorithms, and Programming

Hackathons

- Data Science Hackathon by Analytics Vidhya 2020
- Reply Challenges 2019-2021

SKILLS

Robotics | Pico-8 and Unity | C and C++ | HTML,CSS and Javascript | Flutter and Dart | Python | Public Speaking | Video Editing (Filmora X) | Chess