

# Manoj Elango

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## EDUCATION

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### University of California, Davis

Bachelor of Science in Computer Engineering

Expected Dec. 2025

*Relevant coursework: Intro to Programming in C, Object Oriented Programming in C++, Discrete Mathematics for Computer Science, Data Structures, Algorithms, and Programming.*

### 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*

## SKILLS

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Robotics, Pico8 and Unity, C and C++, HTML, CSS and Javascript, Flutter and Dart, Python, Public Speaking, Video Editing (Filmora X)

## ACHIEVEMENTS

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### Model United Nations

Nov. 2014 - Dec. 2016

Participated in the WIMUN Geneva

- 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

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### First educational mobile app | Flutter, Dart

2020

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

### Interactive text adventure game | C++

2021

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

### Game Programming in Pico 8 | Lua

- Programmed an intense solo survival game using Lua with a team of 5.

### Python Discord Bots | Python

- Created multiple discord bots using python to perform various functions and help improve the engagement of 2 discord servers by 80%

### Mini projects using the Raspberry pi | Linux

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

### Machine Learning Predictions | Python and R

- Created multiple Data Visualization Plots and developed machine learning algorithms to predict test data based on the popular datasets from Kaggle.

## Hackathons

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- Data Science Hackathon by Analytics Vidhya
- Reply Challenges
- HackDavis

2019

2019-2020

2021