

# SANJAY VALIYAVEETIL JANARDHANAN

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Recent MSc in Advanced Computer Science graduate from the University of Leicester. Highly passionate in the field of Computer Science and achieved Computer Science department topper award in Bachelor's. Looking to be a software developer to utilize my programming and problem-solving skills and help me further develop these skills in a practical and fast paced environment.

## Education

### UNIVERSITY OF LEICESTER

MSc Advanced Computer Science, Grade: Merit (67.07%)  
2024

September 2023 – November

### UNIVERSITY OF CALICUT

Bachelor of Computer Applications  
Department Topper. Grade: Distinction (84.16%)

Kerala, India

September 2019 – September 2022

## Technical Skills & some notable Projects

**Core Skills:** Communication, Teamwork, Problem Solving, Adaptability

**Technical Skills:** Java, HTML, CSS, JavaScript, Git, Data structures, RDBMS, OOP concepts

### 3D Role Playing Game in Unity

A 3D RPG game made in Unity Engine as part of my MSc final project. It has all the features of a basic RPG game as well as some advanced features. It features real-time combat, story progression, player progression, boss fight, various background music based on the scene the player is currently in.

### Social Media Data Capture and Analysis (Group Project)

A Java application in which some data is pulled from a social media (Youtube was chosen) and perform some analysis, like sentiment analysis, comparison of likes, views etc. among the videos in a search result. **Jira Scrum Board** was used for project planning and the work was divided among each member. The analysis part was done by me (Sentiment analysis using Stanford NLP and comparison of various metrics using graphs and other tools).

### Online General Voting Election System

An android application developed using Java in Android Studio. The app has 2 sections, Voters and Election Commission Officer (ECO). Users can create their own voter's account using a unique UVC code. Proper form validation is implemented for the registration form. Voters can then login and vote for their preferred candidate (when an election is going on, which is controlled by the election commission officer). Election Commission Officer can turn on/off the election and can announce the result of that election. Firebase real-time database is used as the backend.

## Work Experience

### UNIVERSITY OF LEICESTER

Teaching Assistant

October 2024 – December 2024

### Mc Donald's

Crew Member

July 2024 – Present

## Achievements

- Department Topper award in Bachelor's
- Computer Science subject topper award and student of the quarter award during school