

# Vijay Padmakumar

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## Education

BSc Computer Science and Artificial Intelligence with Industrial Year

Intended graduation: July 2023

1. First year:
  - Modules: DSA, Programming in Java, AI and Robotics, Logic and Computation, Mathematics, and Economics.
  - Average mark: 71.8%
2. Second year:
  - Modules: AI, Functional Programming, Systems Programming in C/C++, Software Engineering and Professional Practice, Security and Networks, and Team project.
  - Average mark: expected

## Skills Summary

- Python – 2 years
- Java - 1 year
- C++ - 1 year
- SQL – 2 years
- Haskell – 2 months
- Data Science and Machine Learning – 6 months
- Web Development – 6 months

## Experience

### 1. Prabha Agencies, Kerala

Freelance web developer | Sep 2020 – Current

I was tasked with redesigning their old website into a new, modern, and user-friendly website within a month. I added a products page on to the website which lists out their multiple product categories along with pictures. This experience has helped me develop my front-end web development and time management skills.

### 2. Developed own iOS apps

March 2020 – May 2020

As part of an online bootcamp that I attended, I developed numerous iOS applications. I learned and practiced Swift for three months and developed complex applications that are compatible across all iOS devices.

### 3. Qiskit Quantum computing hackathon

November 2019

My team made a game based on the randomness of a quantum computer. I learnt to work with Qiskit quantum computers, and their principles. This prompted us to develop a game, which displayed quantum superposition and entanglement.

## **Projects**

- Website for Prabha Agencies.
- Clima – an iOS weather application, used an API.
- Textn – an iOS texting application, using Firebase. Currently under development.
- H40XR News – an iOS news application.

## **Awards and Acknowledgements**

- International Achievement Bursary
- International Scholarship Award
- International Excellence Scholarship

## **Extracurriculars**

- Member of the UBRacing society.
- Member of the UoB Startup society.
- Deputy Head Boy of Excelsior English School for the year 2017/18.