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

## 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.

1. 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.

1. 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.