LLOYD LOUIS AROJ

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EDUCATION

YEAR	DEGREE	NAME OF THE INSTITUTION	PERCENTAGE / CGPA
2021 – Present	B.E in Computer Engineering	Fr. Conceicao Rodrigues College of Engineering	9.1
2020	XII (HSC)	Pace Junior College	96%
2018	X (ICSE)	St. Francis ICSE School	96%

OBJECTIVE

Results-driven computer engineering student from FRCRCE passionate about developing user-friendly software applications. Excellent problem-solving skills and ability to perform well in a team. Seeking to help the company develop their product as an intern, as well as grow and develop my own skills as a coder.

EXPERIENCE

Fiverr *(May 2021 – October 2021)*

Freelance Content Writer

- Wrote reports/essays on research and technology.
- Did extensive research before writing anything and also proofread once done.

DEREST Marketing *(February 2022 - May 2022)*

Web Developer Intern

- Learnt and executed website creation using elementor in WordPress.
- Created multiple landing page for their website.
- Designed multiple UI/UX pages using elementor.

PROJECTS

- Diabetes Detection Using Retinal Images — Prof. Kranti Wagle
  Sem V – Sem VI Mini Project — *August 2023 – Present*
  Created a website that detects whether the person has diabetes or not. Lakhs of people are affected by a deficiency of vitamin B12. Early detection and treatment of these deficiencies could arrest further progression, saving multitudes from avoidable anaemia and blindness. Manual disease detection is time-consuming, tedious, and lacks repeatability. Fundus pictures display disease-related data. The pre-processing processes involve proper segmentation of the retinal vascular system, which allows the vessels to be differentiated into arteries and veins. With the introduction of Deep Learning, pictures may now be recognized using Convolutional Neural Networks (CNN). Because CNN works effectively with pictures, these deficiencies can be predicted more precisely than with any other approach.

- Obstacle Detection Car System — Prof. Heena Pendhari
  Sem III – Sem IV Mini Project — *August 2022 – April 2023*
  The main objective of this project is to design a car based on Arduino. It's a four-wheel vehicle that can detect obstacles using its ultrasonic distance sensor and steer itself away from the said obstacle. This car system also integrates a feature to be driven via hand gestures. It aims to help the self-driving system, in order to avoid obstacles and keep the driver safe. We successfully implemented all the features for this

- Virtual Classroom — Prof. Parshvi Shah
  Object Oriented Programming Project — *August 2022 – Dec 2022*
  Virtual Classroom is a collaborative teaching tool that aims to improvise learning by complementing the efforts of teachers and integrating technology into their classrooms to provide students with a stimulating, positive, and enjoyable environment to study. We created a web-application, currently, aims at the learning-conditions improvisation of class XII students.

- Keeper App
  Independent Project
  Created a website that keeps track of all your notes. You can add, edit and delete notes. This was created using Node.js, Mongo DB and React. A database is created that stores all the notes present.

- Walking man — Prof. Sushma Nagote
  CG Mini Project — *August 2022 – Dec 2022*
  Created a video on TurboC, of a man walking through the different seasons, mainly rain, summer and winter. There is transitions also kept in the video which was all hard coded in C.

Skills

Java, Python, C/C++, HTML, CSS, JavaScript, Node.js, Mongo DB, React JS.

Certifications

- The Complete 2O23 Web Development Bootcamp.
- Machine Learning A-Z™: AI, Python & R + ChatGPT Bonus [2023].
- JP Morgan Chase & Co Software Engineering Virtual Experience.
- Hacker Rank Certification for, Java (Basic and Intermediate), Python (Basic), Problem Solving (Basic).