

# Robin Raj Jamjogli

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## EDUCATION

### Christ University

Bangalore, India

*Bachelor of Technology in Computer Science*

2017 - 2021

- Coursework: Data Structures and Algorithms, Object-Oriented Analysis & Design, Database Management Systems, Software Engineering, Design Patterns, Software Testing, Introduction to Data Science, Project Management.

## WORK EXPERIENCE

### Code & Co

Dubai, UAE

*Web Developer Intern*

January 2021 - March 2021

- Developed and tested client websites using HTML5, CSS, and Javascript.
- Put forward creative ideas for the designs and interpretations.
- Gained Web Development, out-of-the-box thinking, and analytical skills.

### Drake & Scull International

Abu Dhabi, UAE

*Intern*

May 2019 - June 2019

- Analyzed an ongoing project and learned about the requirements documents and plans.
- Studied the Fire Alarm System implementation of the building.

## PROJECTS AND RESEARCH EXPERIENCE

### Fantasy Premier League Team Optimization Research Project

- Implemented data cleaning and data manipulation to prepare the dataset using Python.
- Analyzed and tested various algorithms(Greedy Algorithm, Linear Programming, Knapsack Solution) to find the most efficient solution.
- Hosted the final product on the web using Streamlit.

### University Cafe Android App

- Led a team of 3 by distributing the work and collectively reviewing each aspect to put forward the final product within the given deadline.
- Implemented a real-world problem by creating an Android application using Android Studio(Java) and Firebase.

### Sorting Visualizer

- Developed an easy to use visualizer using Javascript in React framework
- Implemented various sorting algorithms with scope for more.

### Engine locking and alcohol detection system

- Collaborated with a team of 3 to tackle the problem using sensors and Arduino
- Implemented Arduino C codes to make the prototype.

### Lyft Backend Engineering Virtual Experience

- Studied the codebase for a messy component to come up with a cleaner design.
- Drafted a simpler software architecture and refactored the codebase.
- Implemented Unit tests and ensured the correctness of the code.

## SKILLS & INTERESTS

**Languages:** Proficient: C, C++, SQL, HTML, CSS — Familiar: Python, Java, JavaScript

**Technologies:** Android Studio, Jupyter, VS Code, Netbeans, PostgreSQL

## CERTIFICATIONS

MTA: Introduction to Programming Using Python by Microsoft.