

# Advaith Reddy Baddam

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## EDUCATION

### Kalasalingam Academy of Research and Education

B. Tech in Computer Science

Aug 2020 - Present | Madurai, India

- CGPA: 8.77
- Specialization in Artificial Intelligence and Machine Learning

### Asia University

Student Exchange Program

Sep 2022 – Jan 2023 | Taiwan, ROC

- Grade: 97%
- Artificial Intelligence in Management

## COURSE WORK

- Operating Systems
- Computer Architecture and Organization
- Database Management System
- Design and Analysis of Algorithms
- Data Structures and Algorithms

## SKILLS

### PROGRAMMING LANGUAGES

- Bash • Python • SQL • JavaScript
- C • C++ • CSS • Node.js
- Rust • C# • HTML • Vue

### FRAMEWORKS AND TOOLS

- MongoDB • Git • GitHub • Linux
- Docker • Firebase • ApolloGraphQL
- Netlify • Heroku • Insomnia

### COMPETITIVE PROGRAMMING

- Codechef : lazychef123  
(Max-rating: 734)
- Leetcode : cloneme (max-rating : 1505)

### POSITIONS OF RESPONSIBILITY

- Teaching Assistant - C++ (PrePly)
- Provisional Tutor - C++, Python (KARE)

## ACHIEVEMENTS

- Ranked 5th in College Coding Ninjas coding competition among 500 Participants.
- AIR 1454 in Leetcode Biweekly Contest out of 0.1M participants.

## EXPERIENCE

### PRICEWATERHOUSECOOPERS | Engineering Trainee 02/23 - 07/23

- Skills: RDMS, Python, Excel, Data Engineering
- I had a valuable opportunity to engage in a comprehensive and enriching pre-training session, centered around four crucial modules.
- Throughout the program, I delved into essential topics, each contributing significantly to my knowledge and skill set.

### QXRESEARCH AI | Research Intern 08/23 - Present

- Skills: Research Cluster, Python, Data Analysis, Machine Learning
- We are currently working on Generative AI and class imbalance problems. Research papers will be published.
- I am working on Image classification for Brain Tumor Detection

## PERSONAL AND ACADEMIC PROJECTS

### SOIL NUTRITION PREDICTION | Community Service Project 12/22 - 04/23

- Designed the soil nutrition model which can help farmers in various ways to detect soil.
- Created a Landing Page for the model using flask, Integrating translation support for the application.

### BALL BLITZ | A GUI game based using C++ 05/23 - 06/23

- Created a classic pong game using C++ Programming Language, leveraging Object-Oriented principles, game physics, and graphics libraries.

### SHELL | Operating systems, Linux, Shell 01/23 - Present

- A linux shell, written in C programming, with an interactive pleasing CLI.
- With self-implemented features like commands, directory management, piping, process - handling as well as input-output redirection.

### PREPCLOUD | Cloud Storage, Vue, NodeJs 06/23 - Present

- PrepCloud is a Cloud Storage Service which is being developed by me and my Co-developer.
- We are focused on the cons of current Cloud Storage services and making out efforts to make Prepccloud ease to use and accessible everywhere with faster storage.