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 Networks
- Database Management System
- Design and Analysis of Algorithms
- Data Structures and Algorithms

SKILLS

PROGRAMMING LANGUAGES

- Bash • Python • SQL • JavaScript
- C • C++ • Java • C# • Vue

FRAMEWORKS AND TOOLS

- MongoDB • Git • GitHub • Linux
- Docker • Node.js • GCP

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.

CUSTOMER CHURN PREDICTION | Anticipating Customer behaviour for retention strategies   05/23 - 06/23

- Developed a customer churn prediction model using machine learning techniques to identify patterns and factors that contribute to customer attrition.

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 Prepcloud ease to use and accessible everywhere with faster storage.