ADVAITH REDDY BADDAM

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EDUCATION

Kalasalingam Academy of Research and Education   Madurai, Tamil Nadu
B. Tech in Computer science and Engineering — CGPA: 8.77/10   *Sep. 2020 – Present*

Asia University   Taiwan, Republic of China (ROC)
Student Exchange program in Artificial Intelligence — GRADE: 97%   *Jul. 2022 – Jan 2023*

EXPERIENCE

Engineering Trainee   Feb 2023 – Jul 2023
Price Waterhouse coopers (PwC)   *Remote, Tamil Nadu*
- Trainee in the launchpad program.
- Tech Stack: RDMS, Python, Data Engineering.

Associate Research Analyst   Aug 2023 – Present
qxResearch AI   *Remote, India*
- Our Main focus revolves around Generative AI and class imbalance Problems.

PROJECTS

Soil Nutrition Prediction - CSP | *Python, Flask, Excel, HTML, CSS, JS*   *Dec 2022 – Apr 2023*
- Designed the soil nutrition model as our Community Service project which can help farmers in various ways to detect soil.

Ball Blitz | *A CLI Game based using C++*   *Mar 2023 – Jun 2023*
- Created a classic pong game using C++ programming language, leveraging object-oriented principles, game physics, and motion blur using Microsoft Visual Studio 2022.

Multi-Threading | *C and POSIX Threads Library*   *Apr 2023 – Jun 2023*
- Developed simulations that replicated real-life scenarios by incorporating computer networking, threading, and operating system concepts. Leveraging the pthread library in C.

CLI Shell | *Operating Systems, Linux, Shell*   *May 2023 – Present*
- A linux shell, written in C programming, with an interactive pleasing CLI with self-implemented features like commands, directory management, piping, process handling (background and foreground) as well as input-output redirection.

ACHIEVMENTS

- **Codechef**: lazychef (maximum rating 734+)
- **LeetCode**: cloneme (3 star, maximum rating 1505+, Bi-weekly contest rank Global-1454)

TECHNICAL SKILLS

Languages: C/C++, Python, C#, SQL (MySQL)

Machine Learning and Computer Vision: Sklearn, CNN, ConvLSTM, NLTK, OpenCV, Tensor Flow.

Web Development: HTML, CSS, JS, React, Node.js

Course Work: Operating Systems, DBMS, Data Structures and Algorithms, Design and Analysis of Algorithms.

POSITION OF RESPONSIBILITY

KARE: Provisional Tutor (Subject: C Programming).