Lingareddy Chaitanya Chakravarti Reddy

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Professional Summary

• Aspiring researcher and developer with a strong foundation in data science, machine learning, and embedded systems. Proficient in developing cross-platform applications and actively contributing to open-source projects. Passionate about building user-centric solutions with technical depth.

Research & Publications

• Published 4 research papers:

• 2 in Human-Computer Interaction (HCI)

• 1 in Automation

• 1 in Artificial Intelligence

Technical Projects

• Foundations_of_Data_Science_Resources – Curated resources for data science tools & techniques (Jupyter Notebooks)

• Project_Exhibition_2 – Resume layout generation using improved LayoutGAN (Jupyter Notebooks)

• Flutter-Development / Dart_Development – Cross-platform app development & Dart language learning

• android_device_alps_FRT / android_vendor_alps_FRT / Kernel_FRT / TWRP_alps_FRT – Android device tree, kernel & TWRP recovery customization for MT6735-based devices

• SM-T505_APatch_Kernel – Brought APatch support for Samsung Galaxy Tab SM-T505 (Kernel development in C)

Certificates

• MATLAB Onramp (MathWorks)

• Applied Machine Learning in Python – University of Michigan

• Fundamentals of Python

• Fundamentals of AI/ML (Vityarthi)

Technical Skills

• · Languages: Python, Dart, C, Shell

- Tools & Frameworks: Flutter, Jupyter, Git, Android AOSP
- Concepts: Machine Learning, Kernel Development, HCI, Automation