

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.
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Research & Publications

- Published 4 research papers:
 - 2 in Human-Computer Interaction (HCI)
 - 1 in Automation
 - 1 in Artificial Intelligence
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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)
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Certificates

- MATLAB Onramp (MathWorks)
 - Applied Machine Learning in Python – University of Michigan
 - Fundamentals of Python
 - Fundamentals of AI/ML (Vityarthi)
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Technical Skills

- Languages: Python, Dart, C, Shell

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