

# 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