



Reynaldo Luis Ramos González

Electronics and Communications Engineer

 [luigira.github.io](https://github.com/luigira)

 luis.rgz@icloud.com

 [Luis Ramos](#)

Profile

Electronics and Communications Engineer with a strong interest in software engineering, AI, and data science. My expertise spans both hardware and software, particularly in integrating technology and creativity through UX/UI design.

Experience

Research Assistant May 2023 - Present
CINVESTAV

Support in the laboratory continuing my final year project on code optimization in the Julia programming language and related tasks in Data Science.

Tech Support Agent Oct 2017 - Mar 2018
ttech

Bilingual Customer Service Representative and Tech Support Agent for DISH USA Network.

Education

Electronics and Communications Engineering 2018 - 2024
Instituto Politécnico Nacional

Technical Skills


- Programming Languages: C++, Python, Julia.
- Software Development: Object-Oriented & Low-Level Programming, UI/UX Design (⌘).
- Data & AI: Data Science, Databases, AI theory.
- Computer Hardware Architecture, Real-Time Systems, Concurrency, and Code optimization.


Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900)
- British Council: English Level Certification (C1)
- Tecnológico Nacional de México: Data Science Certificate Program

Projects

Current Source Density Analysis for HD-MEA:  Optimized high spatiotemporal resolution analysis methodologies for neural activity.

Graphics Shaders:  Reworked GPU code using OpenGL for ARM Linux devices.

Linux Firmware:  Developed a stable firmware image for a MIPS Linux device.