

Fernando Martinez Parada

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PROJECTS

Tesla64 Chess (Play Store)

Duration: 3 months

- Native Android app written in Java for playing chess, featuring an included AI opponent.
- Implemented its own UI library to facilitate certain functionalities & adaptability.
- Implemented the world's strongest chess AI (StockFish) within Tesla64.

Nisa Chess AI (GitHub)

Duration: 5 months

- International Master-level chess AI written from scratch in the C++ language.
- Implements most advanced state-of-the-art computer chess algorithms.
- One of the strongest worldwide in its category, featuring handcrafted evaluation & 0x88 board representation.

Restaurant App UI (Play Store)

Duration: 1 months

- Developed an advanced user interface using Dart/Flutter for Android & iOS platforms.
- Implemented the Provider pattern design to facilitate communication among over 16 views.

LEADERSHIP AND EXPERIENCE

Led Indigenous Speech Recognition Thesis Project

Jul 2019 - Oct 2019

- Oversaw research and implementation for the project using CMUSphinx & Java.
- Conducted over 40 hours of Speech-To-Text transcriptions.

Co-Founder of a Data Tracking Company for E-Commerce

Feb 2020 - Dec 2020

- Administered Google Cloud Platform services, performed Frontend/Backend Development.
- Served a client base of over 50 customers monthly while collaborating with an international team.

TECHNICAL SKILLS

Programming Languages

C/C++, Java, Python, Dart, JavaScript.

Languages

Spanish, English.