Erick Alejandro Carrillo López

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Education:

- University of Guadalajara
- January 2021 - December 2024
- B.S. Computer engineering

Notable Courses:

- Data Structures and File Manipulation
- Statistics and Numerical Analysis
- Computer networking
- Computer Architecture
- Algorithms

Certifications:

- **Server linux administration course**
  Completed at Platzi
  Platzi Profile: Platzi

- **Django Courses**
  Completed at Platzi
  Platzi Profile: Platzi

- **Flask Course**
  Completed at Platzi
  Platzi Profile: Platzi

Programming And Technologies Skills:

- **C** - Advanced
- **Django** - Beginner
- **Flask** - Intermediate
- **Python** - Intermediate
- **C++** - Intermediate
- **Linux** - Intermediate
- **MySql/Postgresql** - Intermediate
- **Javascript** - Beginner
- **Html/Css** - Beginner
- **Rust** - Beginner

Additional Skills:

- **Languages:**
  - **Spanish** - Native
  - **English** - Basic

- **Soft Skills:**
  - Committed to lifelong learning
  - Fast learner
  - Autodidact
  - Good leader

Projects:

- **Paint in C**(C, Make, Xlib):
  A simple paint like application, made it in C with Xlib.
  Link to the project: Github

- **Unittesting Framework in C**(C, Make, Valgrind):
  I built my own unittesting framework in c.
  Link to the project: Github
  Link to the AUR package: AUR

- **Website**(Python, Flask, Postgresql):
  I built this online app of cooking recipes app with my collaborator Experthor
  Link to the project: Github

- **Stl in C**(C, Make, Valgrind):
  It is a based container macro data structure library, focused in static memory, it is in progress.
  Link to the code: GitHub

- **Try-Catch in C**(C, Make, Assembly, Valgrind):
  Another simple project which adds the functionality of try and catch to C.
  Link to the Code: GitHub
  Link to the AUR package: AUR

- **Memory Allocator**(Assembly, Make, Syscalls):
  Simple memory allocator in assemby, made it with pure syscalls, I continue working on it.
  Link to the code: GitHub

- **Machine learning code**(Fortran, make, valgrind):
  It is an educational repo about AI and its algorithms, it is in progress.
  Link to the code: GitHub

- **Assertions for Fortran**(Fortran, make, valgrind):
  Another simple project which adds the functionality of assertions to Fortran.
  Link to the code: GitHub
  Link to the AUR package: AUR

Personal Interest:

- Artificial Intelligence
- Math - Science
- Physics - Electronics