

Erick Alejandro Carrillo López

Mail: erick.carrillo4982@alumnos.udg.mx

Tel: (+52)3319911674

[Github](#)

[Linkedin](#)

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 [ExpertThor](#)
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 assembly, 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