

Alejandro Gutiérrez Grimaldo

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EDUCATION

Bachelor of Computer Engineering

Engineering School – National Autonomous University of Mexico (UNAM)

2022 – Graduating 2027

Mexico City, Mexico

EXPERIENCE

Competitive Programming Club (CPCFI)

Active member and integral part of the *engineering team*.

February 2023 – Present

Engineering School, UNAM

HACKATHONS & COMPETITIONS

AI Lab School Hackathon

AI Lab School – Iollin

May 2024

Online Hackathon

- **1st place** among +10 teams, developed an enterprise assistant application using **NextJS** and **OpenAI API**.

AngelHack Mexico

AngelHack

April 2024

IPN Zacatenco, CDMX

- **2nd place** in the social responsibility track among +50 teams, developed a food marketplace application using **NextJS** and **OpenAI API**.

Anticorruption Dataton

SESNA – (Secretariat of the National Anticorruption System)

December 2023

Online Hackathon

- **4th place**, developed a user-friendly interface for algorithmic result visualization using **Django** and **React**.

IEEEExtreme 17.0 Contest

IEEE – UNAM

November 2023

Engineering School, UNAM

- **Top 10%** in the **algorithmic** competition, solving complex coding problems with **C++** and **Python**.

International Space Apps Challenge

NASA – AEF (Mexican Space Administration)

October 2023

Intercontinental University, CDMX

- **Led a team** to develop a mobile application using **Flutter**, creating a **chatbot** with **Google's LLM Palm2**.

International Collegiate Programming Contest Mexico 2023

ICPC – UNAM

April – September 2023

Engineering School, UNAM

- **Top 20%**, implementing complex **algorithms** and **data structures** with **C++**.

COURSES & CERTIFICATIONS

Cisco Winter Incubation Program

Cisco

January – April 2024

Cisco Skills Badges

- **Network Technician** Career Path, gaining expertise in **network technologies** and **security**.

Subete a la Nube

Google - INROADS Mexico

September – October 2023

Google Skills Badges

- **Google Cloud** Computing fundamentals, specializing in **infrastructure** and **Artificial Intelligence**.

Launch X

Microsoft – Innovación Virtual

September – December 2022

Bootcamp

- **Full-stack web** development course, deploying applications on Microsoft **Azure**.

PROJECTS

CPCFI WebPage | TypeScript, NextJS, Prisma, PostgreSQL, Tailwind

August 2023 – Present

- Implemented new features to improve member interaction, particularly enhancing the problem **compiler** and **user interface**, leading to a **40%** increase in **user engagement**.
- www.cpcfi.unam.mx

TECHNICAL SKILLS

Languages: English (Proficient), Spanish (Native)

Programming Languages: C/C++, Python, JavaScript/TypeScript, Dart

Frameworks: React, NextJS, Express, Flutter

Developer Tools: VS Code, Git/GitHub, Google Cloud/Azure