DIEGO DE LA VEGA SAISHIO

+52 7773280566

https://www.linkedin.com/in/diego-de-la-vega-8499002a3

https://github.com/A01420632

@ diegodlvs@outlook.com

Mexico City, Mexico

EDUCATION

B.S. in Computer Science and Technology/Ingeniería en Tecnologías Computacionales
Instituto Tecnológico y de Estudios Superiores de Monterrey ITESM
📅 08/2023 - 06/2027
- Expected graduation date: June 2027
- Relevant coursework: Software development, Computational Architectures, Data Structures, Algorithms, and Data Science.

Cyber Youth Delegates for the Americas Program
The Cyber Policy Dialogue for the Americas
📅 05/2024 - 07/2024
- Program with a discussion led by experts in Cybersecurity, International Policy, Cyberspace and Democracy, Space Power, Trade, and Artificial Intelligence.

High School
Colegio Williams de Cuernavaca
📅 08/2020 - 08/2023
- IB Diploma Programme: Mathematics Higher Level, Physics Standard Level, Literature Higher Level, History Higher Level, etc.

EXPERIENCE

Elections Data Producer
dpa Deutsche Presse-Agentur GmbH
📅 07/2022 - 09/2024
- Collaboration in an international team working in global political elections and candidacies, yielding accurate databases for the largest press agency in Germany

RELEVANT COURSEWORK

Member of the Computer Science Student Society
In this role, I have helped organize AI conferences and am currently involved in planning a Capture the Flag competition.

Highest merit-based Excellence Scholarship 2023
Instituto Tecnológico y de Estudios Superiores de Monterrey ITESM
Admission exam grade: 1534/1600

OTHER ACHIEVEMENTS

Participation in init.g() Mexico (Google)
Selected to participate in Google's immersive cybersecurity event, covering topics such as Red Team operations, web security, hardware security, cryptography, fuzzing, game hacking, and bug hunting.

Participation in HackMx6 2024
Development of an app for Oracle to generate personalized and dynamic courses in STEM subjects, with the implementation of AI.

Participation in Hackathon 2023 Morelos 12th edition
Development of an app for processing payments and follow financial health for customers of Bonanza Score company.

Excellence Award in "Colegio Williams de Cuernavaca"
Best GPA of the generation in High School

Chess contests 2021 & 2023
- First place in annual High School chess contests (2021 & 2023)
- Participation in chess contests in "Anáhuac Norte University" (2023). Performance: 1113 ELO

Participation on Coding Rush ITAM 2021
Participation on coding competition hosted by ITAM university.

Winner of the "Olimpiada del Conocimiento Infantil" 2017
Represented the State of Mexico in this national academic competition during 6th grade, with the honor of meeting former President Enrique Peña Nieto.

LANGUAGES

Spanish: Native

English: C1 (Cambridge Advanced English)

French: B1 (DELF)

TECHNOLOGIES

Python   **MySQL**   **Github /Git**   **C ++**   **JavaScript**   **R**

Cisco Packet Tracer   **React-Admin**   **MongoDB**   **HTML5**

Cloud deployment   **Wireshark**   **Microsoft Projects**   **CSS**

STRENGTHS   PASSIONS

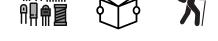**Leadership**

Critical thinking

Teamwork

PROJECTS

Civil defense web application
📅 08/2025 - 10/2025
- Currently working on a project to create a web application for Cuajimalpa's Civil Defense, in order to enable them to fill out urban and prehospital **emergency reports** and analyze data through an interactive **dashboard** with statistics and charts.
- **Technologies**: React-Admin, Cloud deployment, Git

Hackathon Network Infrastructure
📅 05/2025 - 06/2025
- Design, configuration and interconnection of a network to host a Hackathon for 106 people.
- **Technologies**: Cisco Packet Tracer

The Cursed Return
📅 02/2025 - 04/2025
- Development of a Roguelite-type **video game**, managing players and enemies, with triggers and regular expressions, and a statistics **dashboard** for gameplay analysis, using an agile methodology (**SCRUM**).
- **Technologies**: JavaScript, MySQL, API development

Biological analyses
📅 2023 - 2024
- Analysis of the DNA sequences of the **coronavirus**, examining its behavior and mapping its initial spread patterns.
- Development of a statistical analysis based on my **food consumption** throughout a semester.
- **Technologies**: R (programming language)

Python projects
📅 2023 - 2024
- Developed a syntax highlighter solution that processes multiple Python files as input and generates HTML outputs with color-coded syntax highlighting using **multiprocessing** module.
- Creation of a calculator of linear regression and predictions of energy consumption.
- Creation of a chess game with the help of **Pygame's** library.
- **Technologies**: multiprocessing, numpy, pandas, plotly, matplot, PySimpleGUI, Pygame.

C++
📅 2023 - 2025
- Project of sorting out IPs and dates through different **searching and sorting algorithms**.
- Development of a basic "streaming platform" with databases of series and movies, classified by genre, duration, and rating.