

## Education

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Monterrey, N.L. [University] Tecnológico de Monterrey August 2022 - May 2026

- Bachelor of Science in Computer Science and Technology.
- Academic Talent Scholarship of **80%**
- *Current related courses:* Science and Engineering Modeling, Computational Modeling of Movement, Object-oriented Computational Thinking, Computational Modeling Applying Conservation Laws

Monterrey, N.L. [High School] PrepaTec Valle Alto August 2019 - May 2022

- **Valedictorian** of PrepaTec Valle Alto
- Cumulative GPA: 3.93/4.00
- Honors: Honorable Mention of Excellence
- IB Diploma Programme score: **41/45**; IB Computer Science SL score: **7/7**

## Projects

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Atemoc [4 person project] (<https://github.com/Oscar-gg/Atemoc>) September 2022

- Developed a **mobile application** for HackMty 2022 (Mexico's largest student Hackathon).
- The app compares the user's water usage to established benchmarks and displays **tips** for how to **save water** for each of the main areas of water consumption.
- Used **kivy**, a versatile **python framework** for developing applications in multiple platforms.
- In charge of the **backend**, I learned how to join ideas and integrate code effectively.

To-Do list mobile app [Personal project] (<https://github.com/Oscar-gg/TaskRegister>) May 2022

- Designed and implemented a **mobile app** in **Java** that allows users to record, visualize, sort, and filter tasks. Used **object-oriented programming** and modularization for the implementation.
- Used **RecyclerView** to allow users to personalize the displaying of tasks.
- After finishing the **software development life cycle**, the app was delivered to a **final client**.

CLI app for managing URLs [Personal project] ([https://github.com/Oscar-gg/save\\_links](https://github.com/Oscar-gg/save_links)) July 2022

- Designed a **python** app that collects and saves the user's links in text and shelf files.
- The app allows users to delete, visualize, and open previously saved links on the browser.
- Using **pyautogui**, the program interacts with the web browser by sending virtual keystrokes to select and copy links, maximize windows, and close tabs.
- Used app for personal use to efficiently save significant amounts of related links.

## Awards and Additional Experience

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- **17° International Science Competition** [Hosted by Tecnológico de Monterrey]: **1<sup>st</sup> place** in Computer Science section. **March 2022**
  - Member of Algorithmics Club MTY (Competitive Programming club) **August 2022**
  - Completed the course "[Automate the Boring Stuff with Python Programming](#)" **August 2021**

## Languages and Technologies

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### Programming languages:

Java 3 years      Python 1 year      C++ 3 months

### Technologies:

Android Studio	1 year	Eclipse	2 years	Git	5 months
AutoHotKey	2 months	Visual Studio Code	1 year	Github	5 months