Nuevo León, México

OSCAR ARREOLA

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Education

Monterrey, N.L.	**[University] Tecnológico de Monterrey**	**August 2022 - Present**

- B.S. in Computer Science and Technology; Expected graduation date: May 2026.
- 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**

- Cumulative GPA: 3.93/4.00
- Honors: Honorable Mention of Excellence
- Valedictorian of PrepaTec Valle Alto
- Alumni of International Baccalaureate's (IB) Diploma Programme (DP)
- IB DP score: 41/45
- IB Computer Science SL score: 7/7

Languages and Technologies

- Spanish, native; English, Advanced (PTEG – Pearson International certificate C1 pass with merit); French, basic.
- Programming languages: Java (Proficient); Python (Intermediate); C++ (Prior Experience)
- Android Studio; Visual Studio Code; Eclipse

Personal Projects

To-Do list mobile app (TaskRegister)

- Designed and implemented a mobile app in Java that allows users to record new tasks and maintain a log of completed tasks, which can be erased or modified by the user.
- Used android widgets to increase the efficiency of recording data, e.g. including combo boxes to select options, or calendar to select due dates.
- Used RecyclerView to allow users to personalize the displaying of tasks.

CLI script for managing URLs (save_links.py)

- Implemented python script that collects and saves the user's links in text and shelve files.
- The script allows users to delete, visualize, and open previously saved links on the browser.
- Using pyautogui, the script interacts with the web browser by sending virtual keystrokes to select and copy links, maximize windows, and close tabs.

Script that automates opening zoom meetings (zoom-script.ahk)

- Created script that opens and maximizes a zoom meeting: it automatically accepts the corresponding prompts, by locating the buttons on the screen and sending virtual clicks.
- The script, coded in AutoHotKey, may also open links associated with the zoom meeting.

Awards and Additional Experience

- **17° International Science Competition** [Hosted by Tecnológico de Monterrey]**:** 1ˢᵗ place in Computing section. *March 2022*
- **Robochamp Competition** [Hosted by RoBorregos]**:** 3ʳᵈ place. *April 2022*
- Completed the course "Automate the Boring Stuff with Python Programming"