

Arturo Duran Castillo

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EDUCATION

ITESM, GPA: 97.4

B.S in Computer Science and Technology

- Scholarships: Academic Talent Scholarship

Monterrey, Nuevo León

Expected Graduation: June 2025

EXPERIENCE

Web Developer Intern

Swirle

June 2023 – Aug. 2023

Monterrey, Nuevo León

- Implemented new functionality and bug fixes to a web dashboard used by 35 affiliated businesses using React and Firebase to improve operational efficiency and customer satisfaction
- Contributed in the development of new functionalities for the mobile application, using React Native and Firebase I managed to impact more than 20,000 users

PROJECTS

IOS app for deaf patients | *SwiftUI, React, Node.js, Express.js, Prisma, Socket.IO*

Sep 2023 – Dec 2023

- Worked in collaboration with the organization Dilo en Señas to create an application that can help deaf patients cover their consultation process
- Real-time chat functionality using Apple Speech framework to transcribe the speaker's text and AVSpeechSynthesizer to process the deaf patient's text to speech
- Use of web socket for viewing and modifying chat messages in real time from a web application

Virtual library for a children's home | *Wordpress, HTML, CSS, JavaScript*

Aug 2022 – Dec 2022

- Design and development of the digital library used by about 200 children belonging to the "Casa Hogar Padre Severiano Martínez", a children's home and educational institution
- Keeping track of the availability of books, as well as their categorization

LEADERSHIP / EXTRACURRICULAR

Intercultural, Sustainability and Global Citizenship Program

Thompson Rivers University

Dec 2023

Kamloops, British Columbia

- Obtained a full scholarship from the state of Guanajuato, Mexico to attend this program.
- Active participation in intercultural environments, where I honed intercultural communication and teamwork skills
- Fostering global awareness and a focus on sustainability, essential for the development of future projects. My experience also emphasized the importance of global citizenship, integrating diverse perspectives to address international challenges

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, C#, HTML/CSS, R

Additional Technologies: React, Remix, Node.js, Express, MySQL, PostgreSQL, MongoDB, SwiftUI, Unity

Developer Tools: Git, Google Cloud Platform, Firebase