Valeria Enríquez Limón

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EDUCATION

- **Instituto Tecnológico de Monterrey** Monterrey, Nuevo León
  Bachelor of Computer Science; GPA: 9.5/10 *Aug. 2021 – Jun. 2025*

- **Relevant Coursework**

  Data Structures and Algorithms, Object Oriented Programming in C++, Database Design, Full Stack Web Development, iOS Apps Development, Networking, Distributed Systems, Agile Methodologies, IOT

PROFESSIONAL EXPERIENCE

- **App Development, On Campus Intern** (Monterrey, Nuevo León)
  Software Engineer (Feb 2023 - Aug 2023)

  - **I** worked on the recruitment process for social service volunteers. The application efficiently automated candidate selection, resulting in a remarkable reduction in recruitment time.
  - **UI Design:** Coded intuitive visual interfaces and pre-configured components, expediting the application development process.
  - **Data Integration:** Seamlessly integrated data with SharePoint lists, ensuring efficient data management and retrieval.

- **Web Development, Diseño y fabricación de implementos industriales** (Monterrey, Nuevo León)
  Software Development (Feb 2024 - Currently)

  - I develope responsive, visually appealing and intuitively designed web pages for clients, while collaborating with designers to gather requirements and incorporate feedback.

MOST RELEVANT PROJECTS

- **Machine Learning iOS App integrated with Web Application**: Created an iOS App using an image recognition model developed by Apple, integrated it with a Web Administration page. **Tools**: XCode, React, PostgreSQL, NodeJS **Impact**: Facilitate sign language learning for deaf children by using video recognition technology to provide visual demonstrations of sign language words when recognized by the camera. This initiative was carried out in collaboration with "Dilo en Señas," a company dedicated on promoting the Mexican sign language.

- **Web Application with React and MySQL**: Developed a secure web application featuring double authentication utilizing React for the frontend and MySQL for the backend database. **Tools**: React, MySQL, Firebase, NodeJS **Impact**: Streamlined the administration process of a vital program focused on providing essential treatments and support to the elderly community.

- **Botnet recognition using algorithms**: Implemented algorithms to detect and identify botnets in a simulation of network traffic data. **Tools**: C++

PROGRAMMING SKILLS

- **Languages:** C++, Java, Python, Javascript, HTML, CSS, Swift, Rust

- **Technologies:** Google Cloud, Git, Azure DevOps, VSCode

ADDITIONAL

- **ICPC 2023:** Partaker in a Competetive Programming Contest from my university where I utilized C++ to tackle a diverse set of complex algorithmic problems.

- **FemCodingChallenge 2023:** 3rd place winner in an Apple Fem Coding Challenge that fosters inclusivity and diversity within the engineering sector.

- **Languages:** Spanish - Native, English - C1, German - A2