Roberto Infante Lopez

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SUMMARY OF QUALIFICATIONS

- Committed to use Artificial Intelligence and Data Viz solutions to help underrepresented communities in LATAM
- 2+ years of Software engineer experience via collaboration with cross-functional teams in classes and internships.
- 2+ years of Product Management experience from startups and cross-functional teams in class projects.
- **Website:** https://rdji20.github.io/
- Native Spanish speaker and writer.

EDUCATION

University of Washington, Seattle, WA   **EXPECTED GRADUATION:** JUN 2022
Informatics, Bachelor of Science (BS)   **GPA:** 3.21

Data Science and Human Computer Interaction, Concentrations

- **Coursework:** Software Architecture, Data Structures & Algorithms, UX Research / Design, DB Management, PM
- **Honors:** Winner app design competition being Product Manager and UX for ElderCare team

WORK EXPERIENCE

Co-founder and PM, ARtour, Monterrey, Mexico   JUN 2020 – SEP 2021

- Developed and managed scrum meetings with the team as well as used Gantt Chart to finish the project in 10 weeks.
- Lead the research and interaction with potential users as well as the branding of the company.

Software Engineer Intern, Aeronautics & Astronautics CubeSat Team (AACT), Seattle, WA   SEP 2020 – JUN 2020

- Directed Implementing downlink data retrieval and uplink system between CubeSat and ground station with COSMOS
- Tested the communication between Arduino and magnetorquers to send and receive data to/from ground station.

Software Engineer Intern, Codebreakers, Remote   JAN 2021 – APR 2021

- Worked on "referrals" API with AWS for data storage and Python Flask for backend in Agile methodology.
- Designed a feature allowing 20 referrals per user every month and delete the unused ones for DB optimization.

PROJECTS

Web App – SHOTwer, Data Visualization Designer, Univ of Wash   MAY 2021

- Designed an NBA shot comparison tool data for Portland Blazers team analytics, wrangling and cleaning data from external sources while doing shot conversion from meters to pixels. (Technologies: React JS, R, SQL)

Web App – Video Game Web Store, Univ of Wash   OCT 2019

- Led team to design database with SQL and mock visual analysis on sales and interactions for a video game retailer store for a class project. (Technologies: Azure Data Studio, Miro, Tableau)

ACTIVITIES AND LEADERSHIP

Member, Society of Hispanic Professional Engineers at UW   JAN 2020 – CURRENT

- Ensured team coordination and communication for more than 10 students as a volunteer for the FMP volunteer program.

Team Captain, Vaqueros CF (2nd Division), Mexico   MAY 2020 – APR 2021

- Effectively communicated with a diverse group of athletes, coaches, and game officials.

HONORS & AWARDS

- Dean's List

INTERESTS:

- Former Professional Soccer Player
- NBA Supporter
- Data Viz in VR/AR

TECHNICAL QUALIFICATIONS

- Java (Proficient)
- HTML/CSS/JavaScript (Proficient)
- SQL/R/Python (Proficient)
- Tableau (Proficient)
- Figma (Proficient)