ROBERTO INFANTE LOPEZ

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EDUCATION

UNIVERSITY OF WASHINGTON SEATTLE   **Seattle, WA**
Major in B.S, Informatics concentration in Data Science and Human Computer Interaction   **2018-2022**

- Database manager and team leader of Hospital Database attending Scrum meetings and using Agile framework.
- Winner app design competition being Project Manager and UX for **ElderCare** team:
  https://rdji20.github.io/public/design_work.html

EXPERIENCE

ARtour Mexico   **Monterrey, Mex**
Co-Founder / User Researcher   **2020-2021**

- Founded ARtour for Augmented Reality real estate tours with two other engineers.
- Designed the human interaction system, logo, name and visuals for the company.

Aeronautics & Astronautics CubeSat Team (AACT) UW   **Seattle, WA**
Software Engineer, Database Management, and Data Visualization   **2021-Present**

- Implemented downlink data retrieval and uplink system between cubesat and ground station with COSMOS software.
- Designed visualizations for satellite live health status.

CODEBREAKERS   **New York, NY**
Software Engineer Intern   **ONLINE**
                                                                                                  Jan 2021 – Apr 21

- Designed "referrals" API with AWS for data storage and Python Flask for backend.

PROJECTS

SHOTwer
Software Engineer / Data Visualization Designer
https://rdji20.github.io/first-react/

- Designed an NBA shot comparison tool with react js after data wrangling and shot conversion from meters to pixels in R.

Video Game Web Store
Software Engineer, Team Leader

- 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.

ADDITIONAL INFORMATION

- **Programming Languages, libraries, and Software:** Proficient in Java, Java Script, HTML, CSS, React, R, SQL, Python, Tableau, Figma. Currently learning Ruby, C++, and C.
- Interests: Former professional soccer player and captain of my team in Mexico, read about philosophy and human psychology, NBA supporter, snowboarding, and Virtual Reality / Augmented Reality enthusiast.
- **Skills:** Design thinking, empathy, information search, leadership.
- Website: *https://rdji20.github.io/*