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## EDUCATION

### UNIVERSITY OF WASHINGTON SEATTLE

Seattle, WA  
2018-2022

#### ***Major in B.S, Informatics concentration in Data Science and Human Computer Interaction***

- 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](https://rdji20.github.io/public/design_work.html)

## EXPERIENCE

### ARtour Mexico

Monterrey, Mex  
2020-2021

#### **Co-Founder / User Researcher**

- Founded ARtour for Augmented Reality real estate tours with two other engineers.
- UX Research and design, logo, name and visuals for the company.

### Aeronautics & Astronautics CubeSat Team (AACT) UW

Seattle, WA  
2021-Present

#### **Software Engineer, Database Management, and Data Visualization**

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

### CODEBREAKERS

New York, NY  
ONLINE  
Jan 2021 – Apr 21

#### **Backend Engineer Intern**

- Worked on “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, Tableau, Figma. Currently learning Kotlin and Python for data science.
- **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, active listening, leadership.
- Website: <https://rdji20.github.io/>