Daniel Dominguez

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EDUCATION

Drexel University | Master of Science in Software Engineering   Expected Sep. 2022
- GPA: 3.8

University of Texas Rio Grande Valley | Master of Science   Dec. 2017
- Graduated with Thesis and Suma Cum Laude

PROJECTS

Lotería Tradicional   Jan. 2022 – Present
- Provides an automated card reading experience to play Lotería, a traditional Mexican Bingo, with Pause and Shuffle functionalities at different speeds.
- Developed on React Native and deployed on iOS App Store and Google Play Stored in React Native with over 2,000 downloads in three months.

Personal Website   May 2022 – Present
- Developed a personal website that gives a short biographical view of my projects, skills, and myself.
- Developed using React and deployed using AWS, GitHub, and Amplify.

Conversational Agent   Sep. 2021 – Mar. 2022
- Developed a mobile application that allows for individuals to chat with Dialogflow agents.
- Developed using React Native framework and Firebase for user authentication and database management.
- Developed a web scraper to attain data from sites such as Wikipedia and convert them into first person point of view using Python to train Dialogflow agents.

SKILLS

Programming Languages
Java | JavaScript | Python | HTML | CSS |C++ |NoSQL

Libraries, Frameworks, and Tools
React Native | React | Dialogflow | Android | iOS | Firebase | Git | Amplify

EXPERIENCE

Lecturer I   Sep. 2018 - Present
Department of Health and Human Performance | University of Texas Rio Grande Valley | Edinburg, TX.
- Delivered coursework using evidence-based methods to increase student comprehension and understanding.
- Converted in-class curriculum for online delivery both synchronously and asynchronously.
- Directed students through IRB approved research methods to present at regional and national conferences.
- Managed interpersonal relationships with students to increase student career and educational outcomes.

Graduate Research Assistant   Sep. 2015 – May 2017
Department of Health and Human Performance | University of Texas Rio Grande Valley | Brownsville, TX.
- Developed and implemented IRB approved research projects
- Organized subject files and analyzed large data sets using IBM SPSS and Excel
- Fluently presented research methods and experimental testing in both English and Spanish