

Juan Rios

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EDUCATION

B.S. Human-computer Interaction, *New Jersey Institute of Technology*

Expected December 2019

EXPERIENCE

Applications Co-Op, *United Parcel Service*

September - *Current*

- Improved efficiency and speed of intern application by .65 seconds by integrating with hardware scanner

Undergraduate Research Assistant, *New Jersey Institute of Technology*

January - *Current*

- Currently user-testing Virtual Reality applications for Stroke Rehab Patients to improve application experience
- Conducted research on how people interact with a chatbot that involved haptics
- Ran study with human subjects and contributed to overall literature review, research paper, and poster

Applications Intern, *United Parcel Service*

Summer 2017

- Designed and developed a proof of concept Android application to mobilize and create an on-demand solution for package exceptions
- Created wireframes, mockups, and user experience flow for the application and presented them to stakeholders for development approval
- Developed the application while meeting all deadlines and was approved for user testing and approved for pilot application in 5 UPS Hub sites

Web Design Intern, *AdamLouis*

Winter 2016

- Sketched wireframes and designed the websites after discussing deliverables for business rebranding with clients
- Used HTML & CSS to convert website wireframes to full mockups while meeting all project deadlines

PROJECTS AND HACKATHONS

PlatformsVR, *IS485*

Spring 2017

- Implemented in-class knowledge on how to design comfortable virtual reality experiences by using Unity3D and C# to build a VR game with an objective of moving from platform-to-platform and avoiding obstacles

DeliVR, *UPS Hackathon*

Summer 2017

- Used Unity3D and C# to design and build a virtual reality game to replace the current 2D sort-certification game in hopes of improving and optimizing employee training

RESEARCH

A Hot Bot: Testing Effect of Temperature on Feelings of Closeness When Interacting With a Chatbot, *NJIT Social Interaction Lab* - 2nd Author

- Submitted and awaiting acceptance for ACM GROUP 2018 Conference

AWARDS

Cutting Edge Award, *United Parcel Service Hackathon*

Summer 2017

- Awarded to the hack that displayed the best use of innovative and cutting edge technology

SKILLS AND COURSEWORK

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|---------------------|---|
| Research: | Interviewing, Ethnographies, Survey Design, User Testing, SPSS |
| Programming: | Java, Python, Unity C#, Android, Xamarin, HTML/CSS |
| Design: | Sketch, Axure, Sketching, Wireframing, Prototyping, UI Design |
| Coursework: | UX Design, UX Qualitative Research, UX Quantitative Research, Statistical Methods, Data Analytics, Cyberpsychology, Cognitive Processes, Design for Virtual Reality |