Justin Lorenzo Tresvalles

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Education

Rutgers University, New Brunswick, NJ, Aug 2025
Bachelor of Arts in Computer Science, Bachelor of Science in Psychology

- Summa Cum Laude in Computer Science and Psychology
- GPA: 3.86
- Dean's List for all fall and spring semesters

Employment History

Resident Assistant, Rutgers University, Aug 2023 - Jun 2025
New Brunswick, New Jersey

- Oversee over 500 residents in the Rutgers-New Brunswick Cook Douglass Campus
- Provided over 50 students with resources, support, and maintenance within the residence building
- Increased resident engagement through innovative advertisement by 40%
- Successfully mediated and resolved interpersonal conflicts among residents

Research Assistant, Aresty Research Center, Sep 2024 - Jun 2025
Piscataway, NJ

- Assisted in a study examining the cognitive components and learning systems underlying the understanding of number and quantity in humans with a team
- Conducted/collected research data on how young children learn number words
- Presented in the 21st Annual Undergraduate Symposium about the sources of individual differences in 14-18-month old's counting recognition

Teaching Assistant, Applied, School, and Community Psychology, Jun 2023 - Apr 2024
Piscataway, New Jersey

- Guided and facilitated weekly discussions about mental disorders with 16 interns
- Assisted in creating a welcoming and safe environment for upcoming interns to address any concerns
- Facilitated weekly discussions on mental disorders, enhancing interns' understanding and fostering a supportive learning environment
- Redesigned Dr. Tobia's official website to enhance user experience, leading to increased visitor engagement and improved information accessibility

Nursing Assistant, Preferred Care at Wall, Jun 2021 - Jul 2022
Wall Township, New Jersey

- Trained new aides on how to specifically help each resident (toileting, eating, dressing)
- Fostered a compassionate environment by assisting residents with daily living activities, enhancing their overall comfort and well-being
- Provided direct care for the residents by answering call bells
- Updated the nurses on changes in resident condition (scars, rashes)

Additional Information

Projects

- 21st Annual Aresty Undergraduate Symposium (2025): Presented the Sources of Individual Differences in 14 to 18-Month-Old's Counting Recognition
- Movie Recommender System (2025): Predicted user ratings for movies and can provide movie recommendations, using collaborative filtering, PyTorch, and Python
- RUHack - Nate the Transit Mate (2023): Developed conversational AI chatbot integrating NJ Transit's FAQ, ticket system, and schedules using Google Cloud and Dialogflow
- COVID Compass (2020): Using HTML, CSS, and JavaScript to create a website to help users locate hospitals based on COVID-19 case volumes, awarded 1st in district

Skills

Java, Python, C | JavaScript, HTML, CSS | Data Analysis / Data Science | Game Development (Unity)