

Nelson Martinez

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EDUCATION

University of Texas at Austin

Bachelor of Science in Psychology

Relevant Coursework: Cognitive Neuroscience, Behavioral Psychology, Research Methods, Data Analysis, Human-Computer Interaction

GPA: 3.78/4.0

Austin, TX

Aug 2023 – May 2027

TECHNICAL SKILLS

Languages and Tools: Python, R, SPSS, MATLAB, SQL, Tableau, Jupyter Notebook

Frameworks and Platforms: Git, Docker, AWS, Qualtrics, TensorFlow, PyTorch

PROJECTS

[Mental Health Tracking App](#) | *React, Node.js, MongoDB*

- Developed a mobile app for tracking mental health metrics and providing personalized recommendations
- Integrated machine learning models for mood prediction and anomaly detection
- Designed a user-friendly interface with secure data storage and privacy controls

[Behavioral Study on Decision-Making](#) | *R, SPSS, Qualtrics*

- Conducted a behavioral study on decision-making under uncertainty with 200 participants
- Analyzed data using statistical models to identify patterns in risk-taking behavior
- Published findings in a peer-reviewed psychology journal

[AI-Powered Chatbot for Therapy](#) | *Python, TensorFlow, Flask*

- Developed an AI-powered chatbot to provide mental health support and resources
- Implemented natural language processing for empathetic and context-aware responses
- Deployed the chatbot on AWS for scalable use in healthcare settings

RESEARCH EXPERIENCE

Research Assistant - Cognitive Neuroscience Lab

University of Texas at Austin

Jan 2022 – May 2023

Austin, TX

- Conducted research on the neural correlates of memory and learning
- Developed experimental protocols and analyzed fMRI data using MATLAB
- Published findings in the Journal of Cognitive Neuroscience

WORK EXPERIENCE

Data Analyst Intern

Dell Technologies

Jun 2022 – Aug 2022

Round Rock, TX

- Analyzed customer feedback data to improve product design and user experience
- Developed dashboards for visualizing key performance metrics using Tableau
- Collaborated with cross-functional teams to deliver actionable insights

Research Intern

National Institutes of Health (NIH)

May 2021 – Aug 2021

Bethesda, MD

- Conducted research on the psychological impact of chronic illness
- Analyzed survey data using SPSS and R to identify trends and correlations
- Assisted in the preparation of research papers and presentations