Nicolas De Jesus

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EDUCATION

Temple University – Fox School of Business and Management   **Philadelphia, PA**
Bachelor of Business Administration   Expected Graduation: December 2025

- **Major:** Management Information Systems | **Major GPA:** 3.68/4.00
- **Relevant Coursework:** Data and Analytics, Cloud Architecture, Web Application Development, Operating Systems and Networking, Project Management, Statistical Business Analytics
- **Organizations:** Association for Information Systems (AIS)

PROJECT EXPERIENCE

PA Turnpike Toll Calculator
Cloud Architecture

- Developed and deployed a cloud-based toll calculation application using AWS S3, CloudFront, Lambda, and RDS; enabling users to estimate toll costs, weather conditions, and travel time based on entry and exit points
- Implemented a secure networking infrastructure by configuring VPCs, subnets and security groups, ensuring restricted database access and controlled by API requests
- Created and integrated AWS Lambda functions to fetch toll costs and interchange location data from an RDS MySQL database, and enhanced application functionality using an open-source weather API to enrich the user experience

Blue Bagel Shop Mobile Application
User Experience Design

- Collaborated in a team to design and prototype a user-centered mobile application for the Blue Bagel Shop on campus, applying UX principles to enhance usability
- Conducted usability testing and quantifiable heuristic evaluations, gathering user feedback to refine design choices and improve the overall user experience by 30%
- Developed an interactive prototype on Figma to support site goals such as user sign-ups and engagement
- Contributed to a project presentation to key stakeholders, effectively communicating design decisions and usability improvements based on research and testing

WORK EXPERIENCE

Philly Gun Range   **Philadelphia, PA**
Firearms Instructor   February 2023 – Present

- Conduct structured, hands-on training to 200+ individuals monthly, delivering firearms instruction focused on safety, etiquette and marksmanship
- Foster an inclusive environment where beginners and experienced shooters alike gained confidence and proficiency
- Provide personalized guidance to customers, addressing inquires and resolving concerns, contributing to a 90%+ satisfaction rate
- Managed daily operations, including opening/closing procedures, securing firearms, and ensuring compliance with federal and state regulations to maintain a safe and legally compliant environment

ACTIVITIES

Association for Information Systems (AIS)   **Philadelphia, PA**
Member   August 2023 – Present

- Engage in professional development workshops, networking events, and guest speaker sessions with industry leaders and alumni in IT, cybersecurity, consulting, and business analytics
- Participate in technical development workshops to stay updated on emerging technologies, industry trends and best practices such as web scraping, application development with Power Apps, and automation with Figma
- Collaborate with peers in career-building opportunities, including resume reviews, mock interviews, and mentorship programs

SKILLS & INTERESTS

Technical Skills: HTML, CSS, JavaScript, jQuery, Node.js, MySQL, NoSQL, Figma, Excel, Python, Tableau, AWS, Lambda, CloudFront, DynamoDB, RESTful API's, AJAX
Interests: Photography, Fitness, Music, Cooking, Arts and Culture, Investing