

Nicolas Meneses

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EDUCATION

University of Virginia, School of Engineering and Applied Science, Charlottesville, VA
Bachelor of Science in Computer Science

- Graduation Date: August 2022
- GPA: 4.00 with Highest Distinction
- Dean's List

PROJECTS

Web Trivia Game (PHP, MySQL, Angular)

- Collaborated in a team of two to build a trivia game with interactive features, database integration, and user authentication.

Roommate Finder Web Application (Django)

- Contributed to a team of five to build a roommate finder application with features like user profiles and matching algorithms.

Animal Rebellion (Phaser Game Engine, Photoshop)

- Independently designed and developed gameplay mechanics, graphics, and user interfaces using the Phaser framework.

Chess Game Engine (C++)

- Built a Chess Game Engine from scratch with the rules and logic of chess, designed for Windows Terminal.

MSP432 LaunchPad Robot Program (C, DriverLib APIs)

- Coded a program using C and the DriverLib APIs for the MSP432 LaunchPad, enabling a robot to follow a black line, detect low light levels using a light sensor, and display debugging data on an LCD display using the SPI protocol.

Typing Test Web App and Software Testing (Django, Selenium, Java, JUnit5):

- Implemented automated tests using Selenium with JUnit 5 to ensure the functionality and reliability of a Typing Test web application created using the Django web framework.

EXTRACURRICULAR ACTIVITIES

Student Game Developers

05/2020 – 05/2022

- Engaged in a student game developers club, collaborating with a diverse team to discuss game theory, while actively contributing to multiple game projects using Unity, showcasing strong teamwork, problem-solving, and time management skills.

Hablemos Club

05/2020 – 05/2022

- Actively participated in a multicultural Spanish club, fostering a diverse and inclusive environment by engaging with both Spanish and non-Spanish speakers, facilitating language practice, cultural knowledge sharing, and cross-cultural understanding.

PROFESSIONAL EXPERIENCE

TTEC, *Bilingual Customer Service Representative*, Woodbridge, VA

04/2020 – 08/2020

- Proactively initiated outbound calls to individuals in California as part of a government campaign.
- Demonstrated empathy and provided exceptional customer service to individuals facing financial hardships, ensuring a positive experience while helping them navigate the application process and answering their questions.
- Collaborated with cross-functional teams to resolve complex issues, contributing to a positive work environment.

American Redwood Consulting, *Drug Diversion Prevention Auditor (Contractor)*, Statewide, VA

11/2018 – 04/2020

- Reviewed consultants' reports on pharmacy site visits, ensuring the accuracy and correctness of data.
- Utilized Excel spreadsheets containing sales data from pharmacies to identify red flags and anomalies. Generated detailed reports highlighting irregular patterns.
- Developed a program using Python and the Pandas module to automate the generation of red flags reports. By inputting the CSV file into the program, report generation efficiency improved by at least 50%.
- Conducted on-site visits to various pharmacies in Virginia. Met with pharmacists in charge to provide guidance based on the red flags reports. Generated comprehensive reports documenting the findings and recommendations from each site visit, simulating DEA-style audits to ensure network integrity, quality performance, and compliance with regulations.

SKILLS

- Bilingual: Fluent in English and Spanish, enabling effective communication and collaboration in both languages.
- Proficient in C++, Java, and PHP, with some experience in Python.
- Familiar with Django and Angular frameworks, with a solid understanding of HTML, CSS, JavaScript, TypeScript, and SQL.
- Experienced in working with game engine frameworks like Unity and Phaser.
- Skilled in setting up a home lab for security testing using virtual machines (VirtualBox, Hyper-V) and tools like pfSense to configure networks. Proficient in Linux commands and tools including Nmap, Wireshark, Metasploit, and John the Ripper.
- Demonstrated ability to read software and hardware documentation effectively, allowing quick proficiency in utilizing tools.