Helmi D Hernandez

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EDUCATION

Bachelor of Computer Science **Expected: Dec 2027**
Nova Southeastern University (NSU) Fort Lauderdale, FL

SKILLS

Programming Languages: Bash, C++, C#, CSS, Dart, HTML, Java, JavaScript, Python, TypeScript, SQL
Computer Science: Jupyter Notebook, Numpy, Matplotlib, Pandas, Seaborn, Visual Studio
Game Development: GIMP, Krita, Mixamo, Photoshop, Ren'Py, Unity3D
Web Development: AWS, Coverage, Django REST Framework (DRF), Flutter, Node.js, Vite, React, Postman, PostgreSQL
Virtual Reality: Meta Quest Link, Steam VR, Unity3D

TECHNOLOGY PROFESSIONAL EXPERIENCE

Junior Immersive Simulation Technologist **Jan 2025 – Current**
Nova Southeastern University (NSU) Fort Lauderdale, FL
- Assist NSU medical students conducting clinical situations by setting up 30+ virtual reality headsets and ensuring software is up to date.
- Collaborate with management to review the appropriate software is installed and updated in both laptops and virtual reality headsets.
- Utilize strong attention to detail to verify equipment and annotate hardware in inventory catalogue daily.

Data Analyst **Apr 2024 – June 2024**
Hewlett Packard Enterprise (HPE) Remote
- Worked remotely with minimal direction to evaluate and interpret large datasets, identify trends using Jupyter Notebook, provided actionable insights and improved operational efficiency.
- Enhanced multi-step workflows to decrease processing times by over 3000% using Pandas and Numpy integration.
- Ensured accuracy and consistency of data through rigorous validation and cleansing procedures, improving the reliability of analysis and leading to better-informed business decisions.
- Created and presented detailed reports and visualizations using Seaborn and Matplotlib to communicate complex data trends effectively to supervisors, enhancing understanding and facilitating more informed decision-making.

MILITARY EXPERIENCE

Marine Corps **Feb 2015 – Feb 2020**
Sergeant
- Led 15+ Marines to earn the rank of Sergeant during tenure through monthly counselings, recommendations, and preparation for promotion boards. Increased the number of higher-ranking Marines in the work center by 50%.
- Earned the Navy and Marine Corps Achievement Medal by collaborating with quality assurance while managing the hazmat and emergency response programs during a base-wide audit. The Unit received a 99% overall grading.

COMPUTER SCIENCE PROJECTS

Team Game Project **July 2024 – Aug 2024**
- Collaborated with a cross-functional team as a programmer to publish a video game for an upcoming game jam.
- Utilized Git and GitHub for version control, resolving merge conflicts, and ensuring seamless integration of features.

Unity3D Project **May 2024 - June 2024**
- Leveraged C# scripting to create dynamic character movements, trigger game events, and AI behaviors.
- Developed a user interface, consisting of varying menus, health bars, buttons, and sliders.

Website Backend Project **Jan 2023 - Mar 2024**
- Developed a Django REST Framework API to handle large files and integrating AWS RDS with PostgreSQL.
- Integrated a scalable file storage solution into the Django API by connecting to AWS S3 for permanent file storage.