

Paul Rodriguez

Data Science

Dedicated military veteran with a strong skill set in **data analysis**, **3D modeling**, and **game development**. A resourceful and adaptable individual, bringing extensive experience in developing and conducting experiments to document results for studies. Comfortable handling complex issues, meeting strict deadlines, and thriving in rapidly changing conditions.



Contact

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WWW

Bold Profile



Skills

Data Analysis

Algorithm
implementati
on

Product
development

Fluent in
Maya

Training and
Development



Software



Work History

2023-08 -
Current

Intelligent Systems Laboratory Researcher

Fayetteville State University ISL, Fayetteville, NC

- **Collaborated with team members** to design and execute government-sponsored projects in support of **Department of Defense (DOD)** and **NASA** missions.
- **Cooperated with other technicians** to develop and rigorously test **new protocols**.
- Actively **participated in lab meetings** and confidently delivered engaging **project presentations**.
- **Developed innovative protocols** and effectively **improved existing laboratory processes** to enhance efficiency.
- **Recorded and meticulously analyzed data** to produce comprehensive and insightful **reports of results**.
- **Designed and conducted instructional classes** on **3D modeling** and **3D printing**, imparting valuable knowledge to others.

2025-06 -
2025-08

AI Tools Developer Internship

XVIII Airborne Corps, Fort Bragg

- Provided guidance and support on Artificial Intelligence tools for the creation of an Optical Character Recognition evaluation tool.
- Evaluated over 20 military images through the created tool and gathered crucial data on performance measures.

JavaScript

Python

C#

Maya

Unity



Languages

English

Spanish

Chinese

2016-08 -
2019-03

Game Development /Digital Media Instructor

*Fayetteville Technical Community College,
Fayetteville, NC*

- **Prepared and delivered engaging course material** in a classroom setting with **15+ students per class**, totaling **3 classes per semester**.
- **Managed and safeguarded** college equipment valued at over **\$100,000.00**, including a **motion capture room, ten virtual reality headsets**, and **five 3D printers**.
- **Authored five comprehensive Unity game tutorials**, which were widely adopted by fellow instructors for teaching game development.
- **Led Unreal Education training seminar** at FTCC, empowering students with essential skills in utilizing Unreal Engine.

2007-05 -
2014-07

Military Information Support Operations Operative

US Army, Ft Liberty, NC

- **International Operations:** Fulfilled the role of Information Operations Operative across multiple host nations, including Mexico, Honduras, El Salvador, Panama, and Colombia, contributing to US Embassy Missions.
- **Strategic Impact:** As the lead Information Operations Operative, supported the Secretary of State, US Embassy Missions, and Military Operations mandates, focusing on the elimination of organized crime, human trafficking, sex trafficking, and illegal immigration.
- **Liaison Role:** Acted as the Military Information Operations liaison to the XVIII ABN Corps Non-Commissioned Officers School.
- **Training Excellence:** Dedicated two years to the training of Non-Commissioned Officers, successfully preparing over 300 soldiers during the tenure.

2000-05 -

Fire Control Specialist / Sargent

2007-05

US Army, Ft Liberty, NC

- **AFATADS Operator:** Actively served as the AFATADS operator for the initial three years, overseeing the execution of fire missions at the Battalion level.
- **Leadership and Training:** Accountable for the training, daily inspections, and overall welfare of four soldiers, ensuring their success and cohesion as a team through regular monthly counseling.
- **Combat Deployments:** Engaged in two combat deployments; initially in 2003 as a fire direction specialist supporting the Marine Expeditionary Forces during Operation Iraqi Freedom, followed by a voluntary deployment as a Quick Reaction Force operative aiding the XVIII ABN CORPS during Operation Enduring Freedom.



Education

2023-08 -
Current

Bachelor of Science: Computer Science

Fayetteville State University - Fayetteville, NC

- Research Project: AI Detection of Rare Objects Using Synthetic and Real Data NSA.
- Research Project: AI for Space Using Synthetic Data, NASA.
- Extracurricular Activities: Research Assistantship at Intelligent Systems Laboratory.

2013-02 -
2015-05

Associate of Applied Science: Simulation And Game Development

Fayetteville Technical Community College - Fayetteville, NC

- Relevant Coursework: Unreal & Unity
- Professional Development: Helped instructors in the use of Substance Painter
- 3.6 GPA
- Game Development Club Member