Jordon Taylor

Software Engineer | Graduating December 2026

github.com/Jorodon | jordontaylorjpt@gmail.com | LinkedIn

EDUCATION

University of Florida

Bachelor of Science in Computer Science | Expected December 2026

SELECTED ENGINEERING PROJECTS

Gradient Gators

Senior research project | Training and integration lead | Python, Gymnasium, Stable-Baselines3

- Lead training and integration within a five-person team investigating reinforcement-learning reward design and robustness.
- Implemented survivability witnesses, frozen scenario snapshots, deterministic schedules, a PPO smoke test and a pilot runner with manifests and checkpoints. Comparative research results are pending.

Steam Game Similarity

Two-person algorithms project | LSH and application integration | Python, NumPy, Streamlit

- Implemented random-hyperplane locality-sensitive hashing, bucket-candidate retrieval and cosine-similarity reranking for game recommendations.
- Built the Streamlit interface and integrated search paths for the team's comparison of brute force, LSH and a teammate's random-projection forest.

Litter to Life

Six-person VR project | Sketch-classifier and drawing integration | C#, Unity, ONNX

- Integrated local CPU model inference with ink cropping, aspect-preserving resizing, grayscale/orientation conversion and prediction events.
- Connected confidence gating and feedback to the sketch-driven interaction workflow, including unsupported predictions and previously created objects.

Gator Check-In

Four-person web application | Backend tests and integration | Flask, SQLAlchemy, pytest

- Added 37 endpoint test functions across authentication, calendar, check-ins, journaling and statistics, with isolated SQLite fixtures and authenticated requests.

TECHNICAL SKILLS

Languages: Python, C#, C++ (coursework)

Tools and libraries: Git, GitHub Actions, pytest, NumPy, Flask, SQLAlchemy, Unity, ONNX

Applied AI: PPO training integration, Gymnasium, Stable-Baselines3, PyTorch

EXPERIENCE

Website development - Next Level Achievement

- Created and maintained the company website.

Geek Squad Consultation Agent | Current

- Troubleshoot customer technology issues and communicate technical problems and next steps clearly.