

Ricky Everest

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Projects

Survival Combat RPG / current || [Video](#) / [GitHub](#)

- Fully replicated action RPG which currently includes a melee combo system, spells, dynamic movement and stat-scaled enemies all leveraging the Gameplay Ability System (GAS). (**Unreal, C++, Blueprints**)

Cosmic Horror Jam / Oct 2024 || [Video](#)

- Created an intro sequence for a retro horror game with "Resident Evil" style tank controls, context based follow cameras, character dialogue, a Main Menu, Loading Screens, UI, and 3 separate Levels. . (**Unreal, Blueprints**)

Wizard Rush / Sep 2024 - current || [Video](#) / [GitHub](#)

- Single Player Top Down Shooter Prototype, which currently features both self made niagara particle assets and Free "Paragon Assets" to flesh out the blend between melee and projectile based combat. (**Unreal, C++, Blueprints**)

Skills

Languages: C++, Python, SQL

Tools: Unreal Engine 5+, JupyterLab, GitHub, Jira, Microsoft Office, GSuite

Game Programming: Gameplay Systems, Physics Integration, Character Controllers, Networking / Multiplayer

AI & ML Frameworks: Scikit-learn, Keras, Pandas

Supporting: Agile, Game Design, Sales, Unit Testing, Version Control, Data Visualization

Certifications: Linux Essentials Certification, ITIL v3 Foundation in IT

Education

Bachelors of Science, Computer Science

West Governors University / March 2025

- Home Price Prediction APP (Python · Streamlit · Scikit-learn)** — Built a Machine Learning powered web app that forecasts home prices
- Optimal-Route Planner (Python)** — Developed an application that computes the most efficient delivery paths for multi-stop truck routes, using Dijkstra's algorithm to minimize total mileage

Data Science Fellow

General Assembly / November 2022 - March 2023

- 480+ hour data science course with a strong emphasis on data collection, analysis, & modeling utilizing supervised & unsupervised machine learning algorithms & industry-standard data science toolsets.
- Completed over 20 real-world assignments & delivered 6 successful projects.
- Designed & optimized a Wake Word model to accurately identify a specific keyword from a variety of other words & environmental noise. Achieved high levels of precision & recall for real-time keyword identification in noisy environments.
- Leveraged Pushshift's API to collect posts from two politically opposed subreddits. Trained a binary classification model using NLP to identify which subreddit a post belongs to.
- Utilized time series data from Google and COVID-19 restrictions as exogenous features to identify a relationship between mental health related Google searches and COVID-19 restrictions.

Experience

Realtor

Coldwell Banker / Compass / Boston, MA / October 2017 - July 2023

- Advised clients in 200+ transactions maintaining a 5 star rating on google.
- Launched ad campaigns on Google Ads, Facebook, & YouTube to increase awareness of brand & generate leads.
- Analyzed weekly pricing data using algorithmic tools & expertise in the Boston area to provide buyers with CMAs.
- Represented buyers in high stakes negotiations with an average sale price of \$995k.