Yeneneh G. Terefe | West Palm Beach, FL | (352) 871-1220 | yenterefe@gmail.com | Portfolio Website | LinkedIn Profile | GitHub

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PROFESSIONAL EXPERIENCE

Indie Games Startup | Remote

Part-time Programmer | January 2024 – April 2024

- Created player and game manager scripts for an action-strategy prototype game.

- Refactored code to organize and clean-up existing scripts.

- Established a GitHub repository to collaborate with other programmers working on the project.

- Used Trello to organize tasks and collaborate with other programmers.

Indie Unity Programmer and Game Designer | May 2023 - October 2023

- Crafted a comprehensive project design document for milestone tracking and organization.

- Designed and implemented a prototype using Unity's primitive game objects.

- Scripted in C# to define the game loop, AI, animation, and input systems.

- Conducted troubleshooting and debugging for seamless gameplay experience.

- Developed a graphical user interface to enhance user experience in mobile devices.

- Established a GitHub repository for source control.

- Successfully published the first commercial free-to-play title on Itch.io and Google Play Store

Smithsonian's Museum Conservation Institute | Remote

Extended Reality Technologies Fellow | Nov 2020 - Nov 2021

- Formulated a design plan for multiple Extended Reality (XR) applications using Unity Technologies.

- Developed XR application prototypes for conservators, integrating scientific and computational imaging also available in my portfolio website.

- Scripted in C# to establish application parameters.

- Created a workshop curriculum (canceled due to COVID-19) teaching underrepresented youth object-oriented programming, Unity Technologies, and 3-D reconstruction techniques.

- Results submitted for publishing in a scientific journal.

Preservation Planning Experience

City of Lake Worth Beach | Lake Worth Beach, FL

Preservation Planner | April 2022 - Present

- Review site plans, architectural plans, and surveys to preserve character-defining features of residential structures in the six historic districts of Lake Worth Beach.

- Assess new construction and additions for architectural compatibility in historic districts, ensuring compliance with land development regulations.

- Present cases to the Historic Resources Preservation Board, facilitating solutions for contentious applications.

- Host meetings with clients to ensure effective communication.

National Center for Preservation Technology and Training / National Park Service | Natchitoches, LA

Laser Scanning | Dec 2021 - March 2022

- Conducted laser scanning, Matterport, and Theta scanning of historic landscapes and slave cabins in Louisiana.

- Registered scans in Faro Scene & Leica Register 360, ensuring accuracy.

- Cleaned data in Recap Pro to create point clouds for documentation and presentation.

SKILLS

- **Programming:** Object-oriented programming (C#, JavaScript)

  Frontend: JavaScript, React, CSS, HTML, Axios

  Backend: Node.js, Express, Nodemon, Mongoose, Thunder Client, MongoDB Atlas

  Source Control: Git, Git Bash

  Game Development: Unity engine (prototyping, releasing final products on Google Play Store and Itch.io)

  Extended Reality (XR): Designing and developing XR applications for research

  Documentation: Writing comprehensive design documents

  Technical Proficiency: Laser-scanning and Recap Pro, Building Information Modeling (Autodesk Revit), Autodesk AutoCAD, ArcGIS Desktop and Pro

  Planning: City and historic preservation planning

  Languages: Fluent in French and Amharic

EDUCATION

Full Stack Developer | Certified Color Labs | April 2024 – September 2024
Certified Unity User Programmer | Certiport, West Palm Beach, FL | Sept 2023 - Present
Certified Autodesk Revit User | Certiport, Gainesville, FL | May 2021 - Present
MHP in Historic Preservation, Laser-scanning and Virtual Reality | University of Florida, Gainesville, FL |
Aug 2018 – Dec 2020 | GPA: 3.94
M.A. in Anthropology, Cultural Heritage Management, Certificate in Historic Preservation | University
of Florida, Gainesville, FL | Aug 2011 – Dec 2013
B.A. in Business Administration, Minor in Anthropology | Truman State University, Kirksville, MO | Aug
2005 – May 2010