# Davi Guindani | Python Developer

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**GitHub:** *https://github.com/Davi-Guindani*

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**Skills:** Python, C, C++, Matplotlib, NumPy, Pandas

## PYTHON PROJECTS

**Email marketing automated report system** —
**Personal Solo Project** - December 2022 - Present - **GitKraken/LFS/Colab**

- **Unreal Engine** 5.3: Sole Designer & Programmer

- **System Design** features: building, crafting, PVP, clans, graphic settings, and a variety of other survival **gameplay mechanics** that are all multiplayer replicated

- **Scripted** in **UE blueprints** and C++

- Online client-server based & listen server capable **multiplayer**

- October 31st, 2024 release on **Steam** & **Xbox Series X/S.** Available to **wishlist** on **Steam**

- Presented at ECGC 2023

**Warfront** — *In development -* Online *Multiplayer FPS Game*
**Personal Group Project** - December 2023 - Present  - February 2023 - **GitHub Desktop/LFS/Colab**

- **Unreal Engine** 5.2: Designer, Programmer, & Animator

- **Gameplay Design** features: advanced ranged & melee weapon mechanics PVP style, camera and graphic settings, local AI bot game modes, and more FPS **mechanics** all multiplayer replicated

- **UE blueprints** and **C++** featuring Counter Strike and COD like **system** & **gameplay mechanics**

- Online client & listen server capable **multiplayer**

- April 2024 release on **Steam** & **Xbox Series X/S.** Available to **wishlist** on **Steam**

- Student **team lead** & **project manager** with 3 other teammates

**Extraordinary Fighter** — *Local Multiplayer Fighting Game*
**Personal and Group Class Project** - February 2023 - April 2023 - **Github Desktop/Colab**

- **Unreal Engine** 5.2: Student **team lead** & **project manager** with 4 other team members

- **Local multiplayer** traditional fighting game

- **Scripted** all system & gameplay mechanics using **UE blueprints**

- **Designed** a hyper-photo realistic **level** inspired by HPU's campus & used **MetaHuman** to create Dr. Nido Qubein, the president of HPU, as a playable fighter

## EDUCATION & AWARDS

Undergoing Bachelor's Degree in **Computer Science**

High Point University, High Point, NC – May 2026