# JOSEPH "CHUDI" ONWUASOANYA

## **Computer Scientist and Digital Designer**

@ jconwua@gmail.com

**3** 862-258-7997

dreamscle.com

in onwuasoanyaj

## **EXPERIENCE**

#### Instructor

#### Game-U

April 2023 - Current

Remote

- Facilitated education for thousands of students nationwide as a Hybrid+ Curriculum educator, teaching elementary through high school students.
- Designed and delivered curricula in Python, Scratch, Unity, and Roblox Studio, combining live instruction with self-made curriculum.
- Created Computer Science modules covering Object-Oriented Programming, functions, and algorithms.

#### STEM Intern

### **Picatinny Arsenal**

**July 2017 - Sept 2022** 

- Wharton, NJ
- Developed the Commonly Remote Operated Weapon Station on a Scrum development team in C++ and C, implementing functionality and fixing software bugs in production.
- Built management plugins with Ruby on Rails for the Gaming Interactive Technologies and Multimedia Team (GITM) to schedule meetings and manage work items.
- Implemented project goals for the GITM team, updating legacy code in Ruby on Rails and JavaScript.
- Tester on a modular video game, generating and reviewing builds for developers, stakeholders, as well as executing test plans and test cases.

## Freelance Developer & Designer

## Self-Employed

**1** 2020 - Current

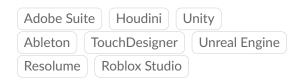
Remote/NYC

- Produced Python API curriculum and custom tools for clients and online learners.
- Delivered multimedia projects with Unreal Engine, TouchDesigner, and Resolume.
- Supported indie artists with digital content creation (see Case Study).

## TECHNICAL SKILLS

Python C++ JavaScript Ruby on Rails HTML/CSS React OpenGL GitHub Scrum Microsoft Suite

## CREATIVE TOOLS



# **EDUCATION**

Bachelor of Science in Business and Information Systems

**New Jersey Institute of Technology** 

December 2022

## KEY PROJECT



# The Overhead Bins Music Video

Indie band with 50k Spotify listeners. Created photogrammetry-based facial model of lead singer, rigged PS1-style characters, and designed tornado effects to match retro aesthetic.