

Cameron HOCHBERG

Game Developer

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French



Recent French graduate in Computer Science from a US institution with a passion for game development. I have created multiple games using the Unity Engine and started learning rust for both video games and cryptography projects. I also participate in CTF competitions and have won awards for best writeups. I am now looking to expand my knowledge and contribute to a team.

[LinkedIn](#)

[Website](#)

[Portfolio](#)

KEY SKILLS

Unity, C#, C++, Unreal Engine, Rust

EDUCATION

Bachelor & Master of Computer Science — Case Western Reserve University, Cleveland, Ohio (United States)

From 2017 to May 2022

- Focus on Networking and Security
- Major Subjects : Advanced Game Design, Computer Security , Internet Security & Privacy, Machine Learning

WORK EXPERIENCE

Teaching Assistant — Case Western Reserve University Computer and Data Science department, Cleveland OH

From January 2021 to December 2021

- Helping students (Undergrad and Graduate) with their homework and **video game projects**
- Creation of material for review sessions organized by teaching assistants each week

AI Research Assistant — Case Western Reserve University Computer and Data Science department Soumya Ray's research lab, Cleveland OH

From September 2019 to December 2020

- Helped to create an environment to test the efficiency of AI assistants using **Unity**, OpenHaptics Plugin
- Created the Passive and Active AI assistants used during testing Conversion of the experience from **3D to 2D**

Full stack application analyst developer — SFEIR, Neuilly-Sur-Seine

From June 2020 to August 2020

- Created a memo on data protection and GDPR compliance
- Used SciPy to create a model to anonymize user input based on GDPR

Pen Test Intern — Armature Technologie, Paris

From May 2018 to July 2018

- Created a **web app** for pen testing report generation using **Django**
- Organized the reports database
- Created an associated API for easier access to this database

LANGUAGES

French Mother Tongue

English Bilingual (TOEFL 116/120)

Japanese Fluent (JLPT 3)

ADDITIONAL SKILLS

Programming Languages C, Python, SQL, Java, PHP, HTML, Javascript, NodeJS, Unity HLSL

Technologies git, Godot, Docker, Unix, Django, Sockets, TCP/UDP

DEVELOPED GAMES

- [Butter'Em Up](#)
- [Wren and the Enchanted Forrest](#)
- [World Domination](#)

HACKING COMPETITIONS

- CryptoCTF 2022 : 10/421
- BambooFox CTF 2021: 36/513
- Union CTF 2021: 53/466
- Google CTF 2021: 62/379 (Best Writeup prize for Pythia)
- ALLES! CTF 2021: 24/523
- Tokyo Westerners CTF 6th 2020: 59/648
- ALLES ! CTF 2020 : 48/470
- Google CTF 2020 : 161/625 (Best Writeup prize for Chunk Norris)