

ARCHIE SHORT

GAMES PROGRAMMER

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Brighton

SUMMARY

I'm a student studying their final year of an integrated master's in computer science with games technology. I have a keen interest in all aspects of games programming but especially gameplay and AI.

SOFTWARE

Unreal Engine 4/5, Unity, Rider, Visual Studio, Magica Voxel, Aseprite

LANGUAGES

C++, Java, Python, Lua, Litvis

VOLUNTEERING

GRADS IN GAMES

Student Ambassador
2021-present.

GAME DEV LONDON

GDLX Volunteer
2021

HOBBIES / INTERESTS

Archery, Guitar, Voxel Art, Dungeons and Dragons, Warhammer, Modding.

PROJECTS

I've undertaken several personal and university projects that can be seen on my portfolio website.

<https://archie.shortuni.github.io/>

These cover games related projects created such as ones created in unreal engine or opengl c++ as well as non-games projects such as a few AI based python projects and some data visualisation.

EDUCATION

Computer Science with Games Technology (MSc)

City University of London 2019 – 2023
Currently on track to graduate with a 1st

Key modules include Programming in C++, Advanced Games Technology, Computer Graphics, Computer Vision, Programming and Mathematics for AI, Advanced Algorithms and Data structures, Digital Signal Processing and Audio Programming.

RELEVANT PROFESSIONAL EXPERIENCE

TEACHER

Code Camp | London | Oct 2019 – Jan 2021

I worked with children aged 8-13 teaching both flowchart coding and basic in-line java across a range of schools in London making 2d platformers. Running both afterschool clubs and involved in corporate events for companies such as sky.

VOLUNTEER UNITY DEVELOPER

Fireslug Studios | London | April 2020 – Oct 2020

Working with a start-up company of graduates on a gameplay demo for their debut game. I was part of the coding team working on the mechanics surrounding the player and NPC's.

INTERN PRODUCER / GAME DESIGN

HOPE | London | Jan 2020 – Feb 2020

Working with a team of 6 on prototypes of educational games for children aged 4 up. I created design documents and helped the team to make sure we were on schedule.

OTHER JOBS

SALES COLLEAGE

Currys | Brighton | September 2022 – Present

This is my current part time job, I specialize in the laptop, pc and audio sections as well as on the service desk helping customers with their problems.

VARIOUS HOSPITALITY JOBS

London and Dorset | 2015 – 2022

Over the last 7 years I've worked at over 10 different restaurants, bars and pubs partaking in almost any role you can imagine. It's helped me build my teamwork, organisational abilities and confidence across a variety of fast and slow-paced environments.

3D ARTIST

Pixowl | Remote | Oct 2018 – May 2019