Alixander Roden CV

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Introduction

I am a BSc Computer Games Programming student at The University of Suffolk, Ipswich, UK. I am interested in a role in the engine development area of games development, in emerging areas such as Vulkan. I am currently employed as a Bar Manager at a large restaurant on the outskirts of Norwich.

Education

BSC COMPUTER GAMES PROGRAMMING | 2017-2019 | UNIVERSITY OF SUFFOLK, IPSWICH

- Unity & Unreal Engine game development/scripting
- C++ OpenGL, Vulkan graphics programming including GLSL Shaders
- AGILE Project Management using JIRA, GitHub
- Artificial Intelligence for Games, A* Pathfinding .etc.
- Creation of a 2D Rust Game Engine for Dissertation Project, using the entity component system paradigm

FOUNDATION COMPUTER SCIENCE | 2014-2016 | UNIVERISTY OF EAST ANGLIA, NORWICH

- Covered the areas of Discrete Mathematics, Project Management (Waterfall/Agile), Artificial Intelligence, C++ Programming, Python Programming, Java application development

A LEVELS | 2012-2014 | LORETO COLLEGE, MANCHESTER

- BCC (Computing, ICT, Theology & Ethics)
- AS Level Mathematics & Physics

GCSE | 2007-2012 | AUDENSHAW HIGH SCHOOL, MANCHESTER

- 11 GCSEs including English & Mathematics C

Skills & Abilities

PROGRAMMING

- Extensive experience in C++ Programming, including C++17 features, Windows MFC and QT
- Unity scripting using C#
- Unreal Engine programming using Blueprints, C++ and UDK
- OpenGL programming in C++, Rust and Python
- Java,
- Basic experience of the Rust Programming Language

GAMES DEVELOPMENT

- Creation of Games using SDL2, Unreal Engine, Unity, SFML

Experience

SUMMER ICT INTERNSHIP | ASAP SUPPLIES, SUFFOLK | 2014

- Helpdesk support for a small office
- Ecommerce using Magento,

MARKETING & WEBSITE DEVELOPER | PIXELBOMB GAMES, MANCHESTER | 2013 - 2015

- Create a fully functional online experience for the Beyond Flesh and Blood game debuted at EGX Rezzed in 2013
- Umbraco C++ ASP.NET Website Development
- Marketed the game at various events such as Norwich Gaming Festival, EGX, EGX Rezzed, Gamescon
- VPS configuration for large scale website visits, using nginx web server

WEBSITE DEVELOPER | DS7 LTD, MANCHESTER | 2012 - 2014

- Responsible for the development of websites for properties located around Manchester, Glasgow and Salford
- WordPress plugin development and theming development
- Configuration of a VPS using CPanel