



Boris MBARGA
31th march 1992
French Nationality

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Education

2013/2018
2012/2014

Ecole 42 : Title of Technology Architect, IT Expertise (bac + 5)
Universite Paris Descartes : Mathematics and computer science

2012

Comal2 : Baccalauréat C, Mathematics and Physics

School Relevant Projects

2016

Abstract Vm : Assembly (asm) Virtual machine

2015

Mod1 : 3D Surface generator and hydrodynamic water simulation
Raytracer : Basic Raytracer Render engine written from scratch

2014

Wolf3D : Wolfenstein game Raycaster Render engine

2013

Minishell : Unix Shell interpreter based on Csh

Personal Game Projects

2017 - current

- 2 weeks

Scorned : Unusual combination of text based scripted commands and scrolling platformer

Voyageur : Experimental "runner defense" web 2D game

2016 - 2 weeks

sWitcher : Basic android 2D shoot them up

Work Experience

2017 - Current

Axonesys : Software Engineer (FR)

Design and Implementation of smart city mobile client application, using Xamarin and Carto SDK for map rendering geocoding, routing and navigation.

2017 - 3 months

Airbus Defence And Space (DEU) : Software Engineer Intern

Conception and implementation of software solutions based on Microsoft HoloLens Augmented Reality Device.

2016 - 6 months

Airbus Defence And Space (DEU) : Software Engineer Intern

Implementation of EU/Artemis project HoliDes, use cases. Detection of Operator, Fatigue, Presence, Idle (Microsoft Kinect, Tobii eye Tracker sensors) and highly secured identification system.

Achievement

2017 - 1 week

VIA HISTORY : HTWG-Konstanz Hologens Hackaton Winner

Design and Implementation of a software which aim to enhance museum and touristic visit experience with Augmented reality.

Skills

Languages
Environments
Graphic Libraries
OS
Tools
Devices

C, C++, C#, Bash, Batch, Python, PHP, JS, HTML, CSS, SQL
Vim, NodeJS, QT, Visual Studio, Xamarin, Mamp, Unity3D
SDL2, OPENGL, X Window
Linux, OS X, Windows
Git, GDB, GCC, G++, CLANG, Valgrind, Leaks, Objdump
Microsoft HoloLens, Kinect, Tobii Eye Tracker,

Languages

French
English
German

Native
Fluent
Basic