// Vincent BERTHET

24 years old - Engineer - Driving licence and car

<IT engineer Digital Imaging>

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realvincentberthet.github.io/vberthet

Skills

#Languages
- French [native speaker]
- English [commonly]
- Spanish [basics]

#Computing
- C/C++17
- C#
- Python
- OpenCV, OpenGL, Boost, PCL
- Unix shell, WSL2
- Back-end

#DigitalImaging
- Computer vision
- 3D animation
- Image classification
- Image syntesis, global illumination

#Software
- Visual Studio, Qt
- Photoshop, Illustrator, After Effects
- Unity, Unreal Engine 4
- FireBase, SQLite3, MySQL

#Other
- Agile process [Scrum]
- French first aid [PSC1]

Background

> IT Engineer, speciality Digital Imaging
ÉCOLE SUPERIEUR D'INGÉNIEURS DE RENNES (ESIR) - UNIVERSITÉ RENNES 1, RENNES (35) | 2017 - 2020

Computer vision, 3D animation, image processing, image analysis and classification, path tracing, global illumination, video compression and shaders

> Bsc Game Development
UNIVERSITY OF THE WEST OF SCOTLAND, PAISLEY (UK) | 2016 - 2017

Project management, Game Design, Javascript, back-end, GUI Design, Level Design 3D Development

> UTD EEIC (Electrical Engineering Industrial Computing)
UNIVERSITÉ JEAN-MONNET, SAINT-ÉTIENNE (42) | 2014 - 2016

Embeded computing
Online batteries monitoring
Pacman (C# XNA framework)

> French high-school diploma, Sciences and engineering
LYCÉE JACOB-HOLTZER, FIRMINY (42) | 2014

Optimization of a solar panel's yield depending on the azimuth and elevation

Hobbies

#Sports
{volley , diving, soccer, hiit}

#VideoGames
{competitive, survival}

#Series
{investigation, SF, anime}

#Music
{pop, rock}

#Editing
{photo, vidéo}

#Cooking

#Psychology

Experience

> R&D Engineer
B<>COM, RENNES (35) | 09/2019 - 09/2020

Professionalization contract within the Immersive Medical Technologies laboratory specialized in computer vision and videos. Contribution to the development of an open-source Augmented Reality framework (SolAR Framework). Addition of functionalities, continuous integration, R&D, etc

> Développeur Unity
ASKELYS, RENNES (35) | 06/2019 - 10/2019

4 months internship in a startup. Creation of a 3D interface that implements a Javascript API to perform semantic searches

> Junior Software Developer
MU-TEST, SAINT-JUST-MALMONT (43) | 04/2016 - 08/2016

4 months internship within a SME in the field of ATE (Automated Test Equipment). Development of features for the software suite, unit tests and bug fixing