



ALBENA STEFANOVA

2D & 3D COMPUTER GRAPHICS, VR & AR

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Education

Master's Degree in Computer Graphics

University Montpellier

Montpellier, France

2021 - 2023

Computer Graphics - Virtual and Augmented Reality - Video Game Development - Interactive Simulation
Image Processing and Analysis - Artificial Intelligence

Bachelor's Degree in Computer Science

University Lille

Lille, France

2018 - 2021

Object-Oriented Design (OOP) - Web Technologies - Network and Systems - Database Development
Algorithms - Functional and Logical Paradigms

Work experience

Virtual Reality Engineer Intern

Virtualis

February 2021 - July 2023

Developed VR applications for physiological rehabilitation using Unity and C# in collaboration with health professionals.

Utilized strong 3D math skills to ensure the best performance, quality, and responsiveness of applications and games.

Designed and developed intuitive and engaging user interfaces to enhance user experience and improve usability.

Full stack Developer

Back-end Developer Intern

Tinqin

April 2021 - August 2022

June 2020 - August 2020

Qualified in Object-Oriented Software Design and Implementation, specializing in Java Spring Boot and AngularJS for web development.

Skilled in Agile development methodologies, including daily stand-ups, sprint planning, retrospectives, and code reviews.

Skills

Programming Languages

C/C++ - C# - Java - Python
JavaScript - SQL - Haskell
GLSL - R

Game Engine

Unity

Version control systems

Git - SVN

Project Management

Jira - Trello - ClickUp - Notion

Development Principles

OpenGL - Software engineering
Machine Learning - Design
Patterns - Computer networks

Software Tools

Blender - Adobe XD
Android Studio - Jenkins
MySQL Workbench

Image Processing and Analysis

Deep learning for image
processing - Object recognition
Image segmentation - Digital
signal processing

Languages

English - French - Bulgarian

Interests

AI - Astronomy - Oil painting - Rollerskating - Cooking - Traditional Bulgarian dances