AZIZ KARA BORNI

Engineering Student looking for **working student's job** related to my studies
(Computer science, Computer Graphics, VR/AR)

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My assets

- Curious
- Analytic
- Team spirit
- Creative
- Meticulous

My technical skills

- C++
- Python
- Matlab
- Unity/C#
- OpenGL
- OpenCV & Vuforia
- WebGL
- Git

Associative experience

- Humanitarian: Communication manager within KidsNépal

Personal learning

- Google AR/VR: Introduction to Augmented Reality and ARCore
- Udemy: Machine Learning A-Z: Hands-On Python & R In Data Science

Languages

- **English: Full Proficiency.**
- French: Bilingual Proficiency.
- Arabic: First Language
- German: Elementary Proficiency
- Spanish: Elementary Proficiency.

Hobbys

- Chess
- Video Games
- Sports

Education

M.Sc. Computational Science and Engineering (double degree) | Technische Universität München

OCT 2021- SEP 2023 |
- Fundamental Algorithms - Advanced Programming - Numerical Programming - Scientific Computing - Machine Learning

Ecole Centrale de Nantes |Virtual reality specialization

SEP 2019 - SEP 2023 | Generalist Engineering Degree
- Advanced Concepts for Virtual Reality - Collision detection and haptic rendering - Object Oriented Programming - C ++ Programming - Fundamentals of virtual reality - 3D interaction - Computer vision and augmented reality

CPGE | IPEST

SEP 2017 - JUII 2019 | Scientific preparatory classes
- Two years of scientific preparatory classes: PCSI then PC..

Professional Experience

Research Intern as a software engineer| XLIM

APR 2021 - AUG 2021
- Developing a new method of real-time visualization of large biological molecules.. This visualization is developed using C++/OpenGL. This internship took place in the Image Synthesis and Informatics departments.

Junior Consultant intern | PwC Tunisia

JUN 2020 - AUG 2020
- Summer internship in the consultant department. During this intern, I had the opportunity to participate to different projects related to digital transformation in many companies.

Projets :

- VR/AR Apps: Basketball simulator, Minotaur Maze Game, archery game, Vuforia-Unity App.
- C++ Apps: Bloxorz game(OpenGL), Chess(SDL), PDE Solver(Eigen).

Website: https://aziz-rv.github.io/