Rova RANDRIANANTOANINA

Software Engineer specialized in 3D Applications

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🗓 27 years old
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🏳 French
🪪 Driving licence (B)
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As a software engineer driven by passion, I'm seeking new challenges to enhance my skills while contributing to the success of your company.

Education

IT Engineering School — ENSIIE Évry, France

From September 2018 to August 2019

Digital Interactions specialization in partnership with Télécom SudParis
- Augmented, mixed and virtual Reality (Hololens, LeapMotion, Kinect)
- Video games and User Interface conception
- Computer graphics and 3D modelling (OpenGL, Three.js shaders, Blender)
- IoT, Network and Cloud

MSc in Virtual Reality and Smart Systems — Université Paris-Saclay Université d'Évry

From September 2018 to August 2019

Double degree engineer ENSIIE and Master of Research

International Semester — Université Laval Québec, Canada

From September 2017 to December 2017

- Software quality and metric
- Artificial Intelligence
- Video games development

Work experience

R&D Software Engineer — DASSAULT SYSTEMES Vélizy-Villacoublay, France

Since September 2019

As a member of the R&D team, my role is to contribute to the design, development, and enhancement of functionalities within Dassault Systèmes' applications. *C++*
- User needs analysis
- Prototypes creation
- Technical specifications drafting
- Software components development
- Unit tests constructiion
- Code integration and industralization

Virtual Reality Developer Internship — DASSAULT SYSTEMES Vélizy-Villacoublay, France

From February 2019 to August 2019

End-of-studies internship : prototyping and extension of a 3D Modeling system in VR. *C++*
- R&D Studies : State of the art, benchmark, technological watch
- Prototyping : User interactions prototypes, users tests, comparisons
- Implementation of a MVP

End-of-studies Project — ENSIIE, Spectral TMS Évry, France

From September 2018 to February 2019

Indoor geolocalisation MVP with Augmented Reality and Hololens, *Unity3D, C#, Hololens*

AR Hololens Developer Internship — INGIMA Paris, France

From June 2018 to September 2018

Development of a mixed reality application for aided maintenance. *Unity3D, C#, Hololens*
- *Development of holographic components and user interactions*
- *Implementation of a MVP*

Fullstack Developer Internship — PUBLICIS CONSEIL Paris, France

From June 2017 to September 2017

Web development and maintenance for Legrand, AccorHotels, Carrefour and SNCF websites. *Javascript, PHP, HTML5, CSS3*

Skills

C++

Unity3D, C#

Web (JavaScript, HTML5, CSS3, PHP, NodeJs)

Java

Languages

English

TOEIC C1 (2018)

German

Goethe-Zertifikat B1 (2017)

Assets

Autonomy

Creativity

Enthusiasm

Interests

Sport
Climbing (5.11d/7a level), Trekking

Music
Piano (12 years), Guitar (6 years), Solfege (6 years), Composition

Video games, gamejams
Unjiam2018 - Best Sound Design award

 RovaRandria

in rova-randria