

Vincent Larroque

PhD Student in Computer Graphics

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EDUCATION

MS in Computer Graphics

University of Limoges

Limoges, France

09/2020 - 09/2022

BS in Computer Science

University of Limoges

Limoges, France

09/2018 - 06/2020

WORK EXPERIENCE

XLIM Research Institute, University of Limoges

PhD in Computer Graphics

Limoges, France

01/02/2023 - *en cours*

GBCM Laboratory, CNAM

End-of-study internship

Paris, France

14/02/2022 - 22/07/2022

- Study and analysis of viewpoint selection methods for molecular visualization.

Coruo

Internship

Limoges, France

06/01/2020 - 28/02/2020

- Implementation of an automated deliverable production system (C++, Python).
- Design of specifications, implementation and documentation.

PUBLICATIONS

Viewpoint Selection for Molecular Visualization: Analysis and Applications

GRAPP 2024

Vincent Larroque, Maxime Maria, Stephane Mérillou et Matthieu Montes

2024

Automatic Molecular Tour Creation: a Study

Eurographics 2023 - Posters

Vincent Larroque, Maxime Maria, Stephane Mérillou et Matthieu Montes

2023

SKILLS

- French mother tongue, english C1 level
- Programming:
 - Languages: C++, Python, GLSL, C, Java, C#
 - APIs and Frameworks : OpenGL, Vulkan, CUDA, OpenMP, MPI, numpy, matplotlib, pytorch
- Softwares and tools:
 - Writing with $\text{\LaTeX}$ and Microsoft 365
 - Developpement with Unity and Godot
 - Modeling with Blender
 - Graphism with Affinity Designer and Inkscape

AWARDS & ACHIEVEMENTS

- Best Student Paper Candidate at GRAPP 2024

02/2024