

SHORT CURRICULUM VITAE

Aurélien DE TURENNE

Associate Professor

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WORK EXPERIENCE

- Sept. 2024 - **Associate Professor**
Now Université de Toulouse & IRIT, Toulouse, France
⇒ *Medical image processing and quantum computing.*
- June 2023 - **Postdoctoral Researcher**
June 2024 LTSI, Rennes, France
⇒ *Medical image processing.*
- Oct. 2019 - **PhD student**
June 2023 Université de Rennes, Rennes, France
⇒ *Image and signal processing for computer assisted endovascular navigation.*
- Oct. 2019 - **Teaching assistant (TD & TP)**
June 2024 Université de Rennes, Rennes, France
⇒ *Applied mathematics, algorithmic complexity, Python, Image processing, etc.*
- Oct. 2017 - **Research project**
May 2018 University College Dublin, County Dublin, Ireland
⇒ *Creation of algorithms in MATLAB for compression of data from portable ECG.*

EDUCATION

- 2019 – 2023 **Université de Rennes**
PhD, Signal, Image and Vision
Thesis title: **Endovascular navigation guidance for complex catheterization**
- 2016 - 2018 **University College Dublin**
Master of Engineering, Biomedical Engineering
- 2014 - 2018 **École Nationale Supérieure de l'Électronique et de ses Applications**
Engineering degree, Electronic Engineering & Computer Science
- 2012 - 2014 **Lycée Claude Fauriel**
Preparatory class for the grandes écoles, Physics and Chemistry

SKILL AND LANGUAGES

- Skills: **Medical Image and Signal processing, Inverse Problem, Deep Learning, quantum computing**
- Coding: **Python, MATLAB, C, C++, LaTeX**
- Languages: **French** (native language), **English** (professional competence)

AREAS OF INTEREST

- Sports: **Running**
- Others: **Literature, Philosophy**