

SHORT CURRICULUM VITAE

Aurélien DE TURENNE

Associate Professor
Université de Toulouse & IRIT

Email: aurelien.de-turenne@irit.fr



WORK EXPERIENCE

- Sept. 2024 - Now** **Associate Professor**
Université de Toulouse & IRIT, Toulouse, France
⇒ *Medical image processing and quantum computing.*
- June 2023 - June 2024** **Postdoctoral Researcher**
LTSI, Rennes, France
⇒ *Medical image processing.*
- Oct. 2019 - June 2023** **PhD student**
Université de Rennes, Rennes, France
⇒ *Image and signal processing for computer assisted endovascular navigation.*
- Oct. 2019 - June 2024** **Teaching assistant (TD & TP)**
Université de Rennes, Rennes, France
⇒ *Applied mathematics, algorithmic complexity, Python, Image processing, etc.*
- Oct. 2017 - May 2018** **Research project**
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**