

EDUCATION

SORBONNE UNIVERSITY

2019-present

PhD in Mechanical Engineering as Marie Curie Early Stage Researcher (ESR)

RESEARCH EXPERIENCE

- Solving the relaxation equations to include thermodynamic data
- Tabulating different equations of state based on experimental data
- Implementation of numerical dissipation to solve the Lattice Boltzmann equation
- Grid generation using partial differential equations

SKILLS

PROGRAMMING LANGUAGES Fortran | Python | SQL

ENGINEERING SOFTWARE Matlab | Ansys | Tecplot

FRAMEWORKS & LIBRARIES Jupyter | Matplotlib | Numpy | Pandas

OTHERS \LaTeX | MS-Office software (MS-Word, PowerPoint, Excel)

ADDITIONAL ACTIVITIES

- Supporting undergraduate students

CERTIFICATES

- Introduction to Data Science in Python (authorized by University of Michigan and offered through Coursera)
- Fundamentals of statistics and probability (offered by edX)
- English: IELTS (score: 7), TOEFL iBT (score: 97)

INTERESTS

- Mathematical modeling
- Probability theory
- Data analysis
- Statistics
- Data Visualization

SOFT SKILLS

- Teamwork skills
- Analytical skills
- Decision making
- Communication skills
- Problem solving