

MAHAUT GÉRARD

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Double degree TUM & Telecom Paris – majoring in Data Science and Machine Learning



EDUCATION

MSC. INFORMATICS, DOUBLE DEGREE

Data science, Data privacy and Machine Learning applied to the medical area and the legal area.

ENGINEER'S DEGREE, DATA SCIENCE

Data science and engineering: Computer Science, Data Base Management, Machine Learning, Deep Learning, Statistics, Optimisation, Responsible Digital Innovation. Applied and theoretical courses.

Second year (Master level) in EURECOM, Sophia Antipolis: 100% English lectures and campus.

PCSI – PC* CLASSES PREPARATOIRES

Preparation for the nationwide competitive entrance examinations to French Engineering Grandes Ecoles. Majoring in Mathematics, Physics and Chemistry.

MATHEMATICS AND NATURAL SCIENCES BACCALAUREAT (FRENCH HIGH SCHOOL DIPLOMA) WITH HIGHEST HONORS

Technische Universität München

2021-2022 (Germany)
14th computer science university worldwide, [THE 2022](#)

Telecom Paris • GPA : 3,97/4

2019-2022 (France)
2nd french engineering school, [L'Etudiant 2021 ingénieurs](#)

École Henri IV • GPA : 4/4

2017-2019 (France)
1st CPGE PC, [L'Etudiant 2021 PC/PC*](#)

École Jean-Baptiste Say

2017 (France)

EXPERIENCE

Project Manager, Télécom Etude junior company

2019 - 2021

- Contact firms, specify the project, define the budget, find relevant Telecom Paris students to do the project, committed to meeting deadlines. Projects in Data science, Machine Learning, Deep Learning and Cybersecurity.
- Commercial development to find new clients.

Private Lecturer

2017 -

- Volunteer in "École à la Maison" initiative during the first French lockdown due to the Covid19 pandemic. Online support in sciences to a high school Student with difficulties.
- At home help in Maths, Physics to students. General help, preparation for exams.

SKILLS

IT

The most used: Python • SQL • HTML • CSS • JavaScript • MS Office
• Git • Latex

Already used for projects: Java • C++ • TypeScript

Languages

French • Native
English • Fluent (Toefl iBT : 102)
German • Conversational

SOME OF MY PROJECTS (2019 – 2022)

Inpainting in Medical imaging, TUM, project group of 4

6 months

Generating anomalies to balance medical datasets according to the state-of-the-art research. Different kind of GANs, SPADE Normalization, Speckle, data pre-processing. In progress.

Legal Texts Classification, TUM, personal project

3 months

Legal texts annotation (GLOSS) as a starting point for the dataset, Neural Legal Language Model, Legal NLP for classification. In progress.

Inverse Transparency – a new form of data privacy, TUM, personal essay

6 months

Exploring inverse transparency and its relations with transparency-enhancing and privacy-enhancing tools. Taxonomy. In progress.

The role of cognitive bias in gender inequality, Telecom Paris, personal essay

6 months

Written in the form of a magazine folder, the essay explores the links between stereotypes, cognitive biases, and gender inequalities. A grade.

COMMUNITY ACTIVITIES

Horse riding French Cadet and

Junior club championship in

dressage (2015 and 2016):

individual and team competitions.

Horse rider (ecurie la Metairie) July

2020: Day-to-day running of an

endurance competition stable.

Student job (Verein Münchner

Pferdefreunde E.V.) from October

2021: helping within the stables

and training of horses.

Harp 12 years' experience. Harpist in "Orchestre du Plateau de Saclay", concerts.