Contact

- Paris (Mobility in Europe)
- Driving licence
- +33 6 40 91 92 78
- alexlutt@orange.fr
- LinkedIn

Skills

▸ Motivated
▸ Curious
▸ Dynamic

Softwares

Pack Office (Word, Excel, PowerPoint) - 7 years

Python (PyTorch, NumPy, Matplotlib, Pandas, Scikit-Learn, OpenCV, PIL) - 4 years

LaTeX - 4 years

C++ - 2 years

HTML - 2 years

CSS - 1 year

R - 1 year

Hobbies

▸ Cooking (pastry)
▸ Sports (running, swimming)
▸ Travelling (Europe, Asia, USA...)

Alexandre Lutt - Data scientist intern

I am a first year Data Science Master's student at *Ecole Nationale des Ponts et Chaussées*, and I am looking for a 6 months internship starting in April 2023, in the field of Machine Learning and Computer Vision.

Education

- **Master Mathematics in Data Science (Erasmus, *Technical University of Munich*)** — **2022**
  - — **Theoretical classes** : *Data Analysis - Statistical Learning - Machine Learning for Computer Vision - Machine Learning for 3D Geometry*
  - — **Project** : *Multi-view transformers for 3D object recognition*

- **Engineering Master degree in Mathematics and Data Science (*Ecole Nationale des Ponts et Chaussées*)** — **2020 - 2022**
  - — **Theoretical classes** : *Deep Learning - Algorithms and Data Structures - Operations Research - Statistics - Probabilities - Numerical Analysis*
  - — **Projects** : *Finite Elements for wave propagation - Geometry of kirigamis - Artifical vision for timelapses - Deep Learning for handwritten digit recognition - Image-based geolocalization*

- **Preparatory Classes (MPSI-MP, *Lycée Henri IV*)** — **2018 - 2020**
  Intensive two year program preparing for the competitive entrance examinations to French "Grandes Ecoles"
  - — **Theoretical classes** : *Mathematics - Physics - Chemistry - Engineering - Philosophy*
  - — **Project** : *Mechanical erosion and coastline evolution*

Professional experience

- **Order picker (*Chocolaterie Gilles Cresno*)** — **April 2022**
  Preparation and shipping of orders in a chocolate factory.
  → Timeliness, customer demand management, process optimization

- **Oral examinator in mathematics (*Lycée Henri IV*)** — **2021 - 2022**
  Weekly oral exams for students in Preparatory Classes.
  → Teaching, communication, adaptability

- **Pastry intern (*Le Clos des Sens*, 3 Michelin stars)** — **Summer 2021**
  Preparation of deserts and breakfasts, ingredients gathering and organization.
  → Team work, rigor, versatility

- **Private mathematics and physics tutor** — **2017 - 2022**
  Private tutoring for highschool, business, engineering and medical students.
  → Dynamism, pedagogy, patience

Projects

- **Web development** — **2021**
  *Development of my pastry website **https://au-relais-croustillant.com**.*
  → Autonomy, rigor, creativity

Languages

French - native speaker

English - C1 (TOEIC 990/990)

Spanish - B2