ACHILLE BAUCHER

@ achille@baucher.net ✉ 108 bd de la Reine, 78000 Versailles ☎ 0782231478
⌗ github.com/achillebaucher

EDUCATION

Erasmus Exchange Semester
University of Oslo

📅 January 2021 – June 2021   📍 Oslo, Norway

Ingineering Cursus in Applied Mathematics and Computer Science
Polytech Sorbonne

📅 2016 – Now   📍 Jussieu, Paris

Baccalauréat S Physique-Chimie, Mention Bien
Lycée Hoche

📅 Juin 2016   📍 Versailles

INTERNSHIPS

Dimension Reduction and Clustering of letters from Assemblée Nationale
`Python` `ScikitLearn` `NLTK` `Matplotlib` `Regex`

LIP6

📅 June 2020 – July 2020 📍 Paris

Intern Computing Engineer
`Python` `Scrapy` `Django` `Regex`

Mooveat (Intermediary local food network)

📅 June 2019 – July 2019 📍 Paris

SCIENTIFIC PROJECTS

Tranfer learning for Random Forests
`Python` `ScikitLearn`

Polytech

📅 December 2020 – January 2021   📍 Jussieu, Paris

Optimisation of Enumeration of Steiner Trees
`Python` `Plotly` `Matplotlib`

LIP6

📅 September 2020 – January 2021   📍 Jussieu, Paris

NLP and statistical Analysis of letters from Assemblée Nationale
`Python` `Pandas` `Matplotlib` `Spacy`

Metriq (Data Analysis) & Proches (Communication of influence)

📅 September 2019 – Today   📍 Jussieu, Paris

Time series analysis and classification [R]
Kantar (Measures and consulting for ads)

📅 January 2019 – May 2019   📍 Jussieu, Paris

Mathematic Modelling of Natural Selection phenomena [Matlab]
Laboratory of Computational and Quantitative Biology

📅 September 2018 – January 2019   📍 Jussieu, Paris

ASSOCIATIVE EXPERIENCES

Co-founder - Co-president
Lupalytech

📅 July 2019 – Today   📍 Jussieu, Paris

- Environmental awareness and ecological workshops organization
- Recruiting, conception, distribution and supervision of projects

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Co-founder and Chief of Rafisto workshop
Enactus Polytech Sorbonne

📅 September 2018 – May 2019   📍 Jussieu, Paris

- Organization of repair workshops and awareness against planned obsolescence, partnership with associations
  → Initiatives taken to answer the problem we analysed

Member and Patrol Chief
Association of the Guides and Scouts of Europe

📅 September 2011 – July 2016   📍 Versailles, entire France

- Organization of diverse projects : buildings, camps
  → Commitment, anticipation, creativity
- Chief of a team with eight members during one year
  → I took decisions, assigned tasks and motivated people

CODING

[Python] Pandas, ScikitLearn, NLTK, NetworkX, Plotly, TensorFlow, Numpy, Scipy, Matplotlib

[C++] POO, Cuda

[C] OpenMP, MPI

[R]

[Matlab]

[LaTeX] Scientific Reports, Tikz

LANGUAGES

French   ●●●●●
English   ●●●●○
Chinese   ●○○○○