Nabé Mamady

26 years

20 cours de la libération
38100 Grenoble
✆ *+33 6 51 68 71 20*
✉ *mamady.nabe@univ-grenoble-alpes.fr*

Education

2019–2022   **PhD. Student**, *LPNC*, Université Grenoble Alpes, *Computer Science*.
Bayesian cognitive modeling of Speech Perception with a neurobiologically plausible temporal treatment, inspired by neural oscillations.

2015–2018   **MEng**, *Grenoble-Inp Ensimag*, *Computer Science*.
Specialized in embedded systems and Data science

Experience

2019–Now   **Teaching assistant**, *Teaching vacation*, UGA, Grenoble.
I teached introductory computer science to the L1 Biology track students of UGA. Practical works were done in VBA for MS Excel and Powerpoint.

2019–2020   **Teaching assistant**, *Teaching vacation*, Grenoble INP, Grenoble.
I supervized project sessions in Database design and development for 2nd year Ensimag students. Practical works were done in Java.

2018–2019   **Data scientist**, *Professional contract*, Atos/Bull, Grenoble.
I worked on building a full machine learning prediction of failures in data centers in order to help prevent them, saving huge services down time costs. Technologies include: Python, Java, Git, Jenkins. Achievements include building the project from scratch with a fully working POC.

2018–2018   **Data scientist**, *Final Year Project*, Atos/Bull, Grenoble.
I worked on building an analytics system used to optimize high-performance computing (HPC) systems using machine learning and optimization algorithms. Technologies include: Python, Git, Jenkins. Achievements include a paper in the *International Conference on High Performance Computing*.

Languages

French	Fully professional
English	Advanced
Spanish	Beginner

Software Skills

AI	Python, R
Embedded	C
Frontend	VueJS, Vanila JS
Backend	Java, Python, Pybuilder, Maven, Spring MVC
Database	MySQL, SQL Server and Postgres

Interests

AI	Speech Recognition, NLP, Optimization
Modeling	Computational modeling of Speech Perception