YOAN CHARPENTIER

yoan.charpentier@etu.uca.fr ◇ +33 (0)789 891 091
linkedin.com/in/ycharpentier ◇ github.com/P1char

APPLIED MATHEMATICS AND DATA SCIENCE STUDENT
LOOKING FOR AN INTERNSHIP FROM MARCH TO AUGUST 2024

EDUCATION

Engineering master's degree in Mathematics and Data Science (IMDS), Polytech Clermont, France
Expected graduation in 2025

- Relevant Courses: Inferential statistics, Machine Learning, Deep Learning, Algorithms, Monte Carlo methods
- Class Delegate and responsible of the Graphic Charter of the IMDS club
- Project Monitoring (team of 7): multifactor watch on a customizable mechanical keyboard project

Preparatory classes, Mathematics and Physics, Polytech Angers, France   Sep. 2019 - Jun. 2022

- Worked for 6 months on a Niger cartography project. From a given data base of Niger's facilities, our program generates an interactive map that represents the database and the region's situation (JavaScript, PHP, Nginx)

SKILLS

Technical Skills	Power BI, C++, Python (NumPy, pandas, TensorFlow), R, SQL, Git, HTML, CSS
Languages	French (native), English (C1), German (B1), Spanish (A2)
Soft Skills	Versatile, Team player, Communicator, Self Lerner

EXPERIENCE

IA Internship   Jun.2023 - Now
Akkodis, Artificial Intelligence Department   *Aubière, France*

- Made a literature search on Self-Supervised Learning and Foundation Models
- Mosquito species recognition task challenge, create latent representations using DINO model

Bank Clerk (Summer Job)   Aug. 2022 - Now
Credit Agricole and BNP Paribas   *Anjou and Auvergne regional bank, France*

- Served customers through credit card withdrawals, transfers, check deposits, appointment scheduling
- Took phone calls, welcomed customers and redirected them to the appropriate contact person

College Level Tutoring   Dec. 2021 - Mar 2022
Polytech Angers, University of Angers   *Angers, France*

- Taught 16 hours of courses for students in preparatory classes at Polytech engineering schools under the supervision of the department head (Algebra, Applied Mechanics, Analysis, Physics)

TRAINING COURSES

Git's essential, **Learning R**, **Statistics with Python** delivered by LinkedIn

Health and Security at work delivered by INRS (n°182544)

First Aid and CPR Certification (PSC1) delivered by French Federation of Rescue and First Aid

EXTRA-CURRICULAR ACTIVITIES

- Sports: judo for 11 years (black belt level), fencing (university competition)
- Mathematics: High school Olympiad of 2017. Private lessons and organization of annual workshops since 2016
- Environment: Ambassador for Ma Petite Planete, a worldwide environmental challenge game
- Business: Treasurer and Financial Manager for the Student's Business Office of Polytech Clermont