

Hanna CHETOUANE

Master's student in Applied Mathematics - Scientific Computing and Mathematics of Information



About me

Nationality : French
Birth : 16/01/2003
Adress : 13 rue du
Maennelstein
Strasbourg, France

Skills

- Good communication and teamwork skills
- Good adaptability and observation skills
- Perseverance and ability to surpass myself


Interests


- Mathematics and computer science
- Figure skating
- Nature and environment

Langages

French	C2	Mother tongue
English	B1/B2	<div><div></div><div></div><div></div><div></div><div></div></div>

 0768186222

 hanna.chetouane@etu.unistra.fr

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CURRICULUM

2024 | **CSMI Master (Scientific Computing and Mathematics of Innovation)**

University of Strasbourg 

Advanced skills in statistics, mathematical modeling, numerical simulation, optimization, scientific computing, signal and image processing, as well as algorithms and high-performance computing (put into practice through projects and internships).

2021-2024 | **Bachelor of Applied Mathematics**University of Strasbourg 

Fundamental bases in analysis (integration, function sequences and series), algebra, Fourier series, differential calculus, probability and statistics, as well as computer science.

COMPÉTENCES

Compétences du master

Calcul scientifique, résolution d'équations numériques et théoriques, Algorithmes et graphes, Modèles aléatoires, Traitement et exploitation de données, Calcul haute performance (MPI, OpenCL).



Outils

- **GitHub** : CI, gestion des branches, pull requests, collaboration en équipe
- **Makefiles** : Automatisation de la compilation et des tests unitaires (ctest, catch2)
- **Docker** : Gestion des environnements avec Dockerfile




Programming

Language	Duration	Primary Application
Python	3 years	Modelling and Simulation
C++	2 years	Mathematical Applications and Parallel Computing
Latex	1 year	Reports and Project Presentations
C	1 semester	Operating system
Rust	1 semester	Scientific calculation and equation solving
Sql	1 semester	Database management
R	1 semester	Mathematical statistics

DEGREES

2024	Bachelor of Applied Mathematics in University of Strasbourg	
2021	Baccalaureate at Sainte-Anne high school, Strasbourg	

CERTIFICATES

2024	BF1 (first ice sports coaching certificate)	
2024	PSC1 (Level 1 prevention and first aid)	
2022	B driving license	

EXPERIENCES

2022–today	Mathematics Support From middle school to post-baccalaureate, I help students with their homework and general understanding of their mathematics lessons.
2018–today	Figure Skating Instructor I coach at the CSGSA ("Club des sports de glace de Strasbourg Alsace") at all levels, including Competitors, Baby Club, and Adults.