# 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

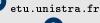
#### Interests

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

### Langages

French C2 Mother tongue
English B1/B2 • • • •







## Curriculum

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

University of Strasbourg 9

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.

## COMPETENCIES

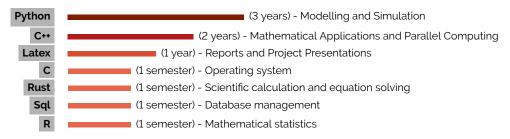
### Master's competencies

Scientific computing, solving numerical and theoretical equations, algorithms and graphs, random models, data processing and exploitation, high-performance computing (MPI, OpenCL).

#### Tools

- · Github: CI, branch management, pull requests, team collaboration
- · Makefiles : Automated compilation and unit testing (ctest, catch2)
- · Docker: Managing environments with Dockerfile

## **Programming**



## **DEGREES**

2024	Bachelor of Applied Mathe- matics in University of Stras-	<b>*</b>	2024	<b>BF1</b> (first ice sports coaching certificate)	*
2021	bourg <b>Baccalaureate</b> at Sainte- Anne high school, Stras-		2024	<b>PSC1</b> (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.

CERTIFICATES

## 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.