

# Nicolas HUGOT

Engineer student at ENSTA Paris (2<sup>nd</sup> year)



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## EDUCATION

**ENSTA Paris**<sup>3</sup>, second year (applied mathematics major) (Now)  
**ENSTA Paris**<sup>3</sup>, first year (2020-2021)  
**CPGE**<sup>2</sup> in mathematics and physics (2017-2020)  
**CPGE**<sup>2</sup> in biology (first year) (2016-2017)  
**French Baccalauréat**<sup>1</sup> with majors in mathematics and biology (with honours) (2016)

## EXPERIENCES

**Tutoring** students preparing a bachelor's degree (civic engagement) (2021)

- Pedagogical skills

**Internship** in a store as a salesperson (1 month) (2021)

- Group work and autonomous work
- Human relation skills

## SKILLS

### LANGUAGES

**French** Mother tongue  
**Hungarian** Fluent  
**English** Comfortable  
**German** Notions

### MATHEMATICS (+++)

Real and complex analysis  
Differential calculus and equations  
Functional analysis  
Probability and statistics

### COMPUTER SCIENCE (++)

Linux, Windows  
Python, Matlab  
C, C++, R  
L<sup>A</sup>T<sub>E</sub>X

### DIGITAL SCIENCE (++)

Digital electronics  
Signal processing

### PHYSICS (++)

Quantum physics  
Electromagnetism  
Continuum mechanics  
Incompressible flow mechanics  
Thermodynamics

### BIOLOGY (+)

Genetics  
Cell biology  
Immunology

<sup>1</sup>French degree at the end of secondary school studies

<sup>2</sup>Intensive study course preparing for the competitive entrance examinations to the French "Grandes Écoles" (the top French highly-selective institutions)

<sup>3</sup>One of the first ten engineering schools in France