




Bruno BELANYI


Computer Science Student

 04 November 1999

 Kremlin-Bicêtre, France

 +33 7 81 59 44 86

 <https://belanyi.fr>

 bruno@belanyi.fr

About me

Currently a fifth year student at EPITA, I am looking for an end-of-studies internship abroad.

Languages

- French : Native
- English : Fluent (C2)

Skills

Programming Languages

- C++
- Rust
- C
- Python
- Java
- SQL
- Bash

General Programming

- Algorithms
- Data Structures
- Parallel Programming

Technologies

- Linux & UNIX
- Git
- Docker
- CI/CD
- Jupyter Notebook
- Microsoft Office

Soft Skills

- Independent
- Team work

Interests

I am interested in computer science and engineering in a broad sense. Always checking out new technologies and programming languages that pique my interest. I am also fond of mathematics, physics, and science in a broader sense.

I am majoring in Image Processing, however I am interested in all topics relating to high-performance computing and optimisation.

Education

2018-2021	Computer Science Majoring in Image Processing.	EPITA, Kremlin-Bicêtre, France
2016-2018	Preparatory School MPSI & MP* — Maths and Physics Engineering Preparatory Classes, specialized in Computer Science.	CPGE Corneille, Rouen, France
2013-2016	High School Baccalauréat S with honors.	Institution Jean-Paul II, Rouen, France

Experience

Jul'20-Jan'21	Teaching Assistant (ACU) Tutoring 3rd year students in C, UNIX, & software development through workshops, oral presentations, and programming projects.	EPITA, Kremlin-Bicêtre, France
Jan-Jul'20	Teaching Assistant (YAKA) Tutoring 3rd year students in C++, Java, & SQL through oral presentations and programming projects.	EPITA, Kremlin-Bicêtre, France
Sep-Dec'19	Natural Language Processing Building a Semantic Decomposing Library for Python & C++	Algalia, Paris, France

School Projects

2nd Year Ing.	Pathtracer A physically based renderer of scenes described in a custom YAML format.	Rust - 1 month
1st Year Ing.	Tiger Compiler A full featured compiler in modern C++, following Andrew Appel's <i>Modern Compiler Implementation in ML</i>	C++ - 3 months
1st Year Ing.	Bistromathique A templated big-integer library and calculator, completed individually.	C++ - 36 hour rush

Other Information

Hobbies

Origami - Kirigami
Rubik's Cube
Archery
Self-hosting various services on a VPS using Docker

Achievements & Extra-curriculars

Jan-Jul'20	Chief Tiger Maintainer A small team of assistants is chosen each year to improve the project, keep it up-to-date, as well as presenting each stage of the project to the students and guide them along the way.	EPITA
2012	Maths Olympiads (School Level) First place at the <i>René Merckhoffer</i> contest of Normandy. This led to a couple of two-weeks formation with <i>Animath</i> on Olympic-maths.	Rouen, France