

# Bruno BELANYI

## Computer Scientist

-  04 November 1999
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## About me

Software engineer, always looking for my next challenge.

## Languages

- French : Native
- English : Fluent (C2)

## Skills

### Programming Languages

- C++
- Rust
- C
- Python
- Bash

### General Programming

- Algorithms
- Data Structures
- Parallel Programming

### Technologies

- Linux & UNIX
- Git
- Docker
- CI/CD
- Nix & NixOS
- Jupyter Notebook

### Soft Skills

- Independent
- Team work

## Interests

I am interested in computer science and engineering in a broad sense. Always checking out new technologies that pique my interest. I am interested in all topics relating to high-performance computing and optimisation.

## Education

2018-2021	Computer Science & Engineering 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

## Experience

Jan'23-Now	Software Engineer, Embedded Graphics Developing graphics software for new devices. Work with product and engineering teams to define the role and requirements of the GPU in future product designs.	Google, London, UK
Jan'22-Dec'22	Backend Engineer Transforming a monolithic service into a series of micro-services.	DGEX Solutions, Paris, France
Sep'21-Oct'21	Summer of Nix participant Selected to participate in the Summer of Nix program, packaging free software while learning about the Nix ecosystem.	NixOS Foundation, Freelance
Mar'21-Aug'21	Software Engineer Interning as part of the Global Execution team. Writing a benchmark framework to test their new exchange connectivity layer.	IMC BV, Amsterdam, Netherlands
Jul'20-Feb'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 Internship project: build a Semantic Decompounding Library for Python & C++	Algolia, Paris, France

## Other Information

### Hobbies

Origami - Kirigami, Rubik's Cube, Archery, Bouldering, Running, Self-hosting various services on a VPS using NixOS.

### 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 lead to a couple of two-weeks formation with <i>Animath</i> on Olympic-maths.	Rouen, France