

Bruno BELANYI

Computer Scientist

-  04 November 1999
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About me

Junior 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 EPITA, Kremlin-Bicêtre, France
Majoring in Image Processing.
- 2016-2018 Preparatory School CPGE Corneille, Rouen, France
MPSI & MP* — Maths and Physics Engineering Preparatory Classes, specialized in Computer Science.

Experience

- Jan'23-Now Senior Software Engineer, Embedded Graphics Google, London, UK
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.
- Jan'22-Dec'22 Backend Engineer DGEX Solutions, Paris, France
Transforming a monolithic service into a series of micro-services.
- Sep'21-Oct'21 Summer of Nix participant NixOS Foundation, Freelance
Selected to participate in the Summer of Nix program, packaging free software while learning about the Nix ecosystem.
- Mar'21-Aug'21 Software Engineer IMC BV, Amsterdam, Netherlands
Interning as part of the Global Execution team. Writing a benchmark framework to test their new exchange connectivity layer.
- Jul'20-Feb'21 Teaching Assistant (ACU) EPITA, Kremlin-Bicêtre, France
Tutoring 3rd year students in C, UNIX, & software development through workshops, oral presentations, and programming projects.
- Jan-Jul'20 Teaching Assistant (YAKA) EPITA, Kremlin-Bicêtre, France
Tutoring 3rd year students in C++, Java, & SQL through oral presentations and programming projects.
- Sep-Dec'19 Natural Language Processing Algolia, Paris, France
Internship project: build a Semantic Decomposing Library for Python & C++

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 EPITA
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.
- 2012 Maths Olympiads (School Level) Rouen, France
First place at the *René Merckhoffer* contest of Normandy. This led to a couple of two-weeks formation with *Animath* on Olympiad-maths.