

Thibault Allançon

Computer science student

Experience

Employment

- Mar - Aug 2019 **Google Summer of Code**, SOFTWARE HERITAGE, Inria Paris
Compression of the Software Heritage graph data model (12 billion nodes, 165 billion edges) using state of the art compression techniques. Development of a REST API to query the compressed graph, and Docker environment to automate the graph compression pipeline.
- Jun - Aug 2018 **Computer Scientist Intern**, HABX, Paris
Generate architectural plans using computational geometry in Python, worked on custom Voronoi diagrams, automatic furnitures placing, scoring function to evaluate rooms quality.

Community

- 2017 - present **Organizer**, PROLOGIN, Paris
- Finalist 2015 and 2016 of the French national programming contest Prologin.
 - Organizer since 2017 and president in 2020.
 - Redaction of algorithmic problems and exercises for the qualification round and semi-final.
 - Creation of the custom-made game environment for the final.
- 2018 - present **Organizer and trainer**, GIRLS CAN CODE!, Paris
One-week programming summer school for middle and high school girls. Our goal is to close the gender gap in computer science, by allowing girls to discover the field in a fun and safe environment.
- 2019 **Teaching Assistant**, EPITA, Paris
Teach programming skills to EPITA students (Caml, C#).
- 2018 **Trainer**, FRANCE-IOI, Paris
France-IOI is an association providing computer science formation to middle and high school students, to select the French team for the International Olympiad in Informatics (IOI).

Education

- 2017 - present **MSc in Computer Science**, EPITA, Paris
Expected graduation: 2022.
- 2019 **Computer science student**, HANYANG UNIVERSITY, South Korea
Exchange student.
- 2017 **Scientific Baccalauréat**, Paris
With highest honors (specialization track: mathematics).

Skills

Technical

Programming	C, C++, Python, Java, Rust, Caml, Bash, \LaTeX	Systems	GNU/Linux, macOS, Windows
Tools	vim, git, make, Docker		

Languages

French	Native speaker	English	Fluent (TOEIC: 970)
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