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## Profile

Second-year computer science engineering student at Grenoble INP – Ensimag. Experienced in medical image compression, machine learning pipelines and native platform development. Seeking a software engineering internship.

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## Education

- Sep 2026 – Jun 2028 **Master's Degree in Computer Science**, *Grenoble INP – Ensimag, UGA, France*
- Sep 2023 – Jun 2026 **Bachelor's Degree in Computer Science**, *Claude Bernard University Lyon 1, France*
- Sep 2020 – Jun 2023 **Bachelor's Degree in Management**, *IAE, University Lyon 3, France*

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## Projects

**Clické**, *Swift, macOS*, [clické.com](#)

- Built and shipped a macOS menu bar screenshot app featuring automatic clipboard copy, a built-in editor and export presets.

**YOCO (You Only Chess Once)**, *Python*, [GitHub](#)

- Built an end-to-end machine learning pipeline: dataset creation, image processing and CNN training.

**BPE, WordPiece and Unigram Tokenizers**, [GitHub](#)

- Implemented three tokenization algorithms from scratch and wrote a learning guide explaining how they work and how they differ.

**Gitact**, *Go*, [GitHub](#)

- Developed a command-line tool for navigating GitHub from the terminal.

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## Experience

Apr 2026 – Jul 2026 **Hospices Civils de Lyon (HCL)**, *Software Engineering Intern*, Lyon

- Worked on the compression of histology whole-slide images (SVS, DICOM, MRXS), which reach tens of gigabytes and are stored in pyramidal formats (similar to TIFF).
- Reviewed existing methods and the current state of the art, ran experiments and benchmarked the different approaches.

Nov 2023 – Jan 2024 **Crédit Agricole**, *Sales Associate*, Saint-Laurent-de-Chamousset

- Welcomed and assisted clients in branch and over the phone, identifying their needs and offering suitable banking products.
- Handled day-to-day account management (transfers, payment methods, file updates) and followed up on client files.

Aug 2023 – Oct 2023 **Cours Ado**, *Private Tutor*, Lyon

- Taught mathematics to middle and high school students in one-on-one home sessions, adapting explanations to each student's level.
- Prepared personalized exercises, corrected homework and tracked student progress.

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## Skills

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|--------------------|-----------------------------------------------------|
| Programming        | C/C++, Python, TypeScript, Java, OCaml, Swift, Go   |
| Frameworks & tools | Next.js, Pytorch, Tensorflow                        |
| Soft skills        | Client relations, teaching and explaining, autonomy |
| Languages          | French (native), English (intermediate, B2)         |
| Interests          | Tech news, chess, sports                            |