

# Aleksei Kotliarov

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## EDUCATION

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### EPITA

*Engineering degree (Master's level) in Computer Science*

Sept 2021 — Present  
*Le Kremlin-Bicêtre, France*

- English-speaking section
- Major: SCIA — AI & Data Science

### Lycée International de St. Germain-en-Laye

*French Baccalauréat, specialization in Mathematics and Computer Science*

Sept 2019 — June 2021  
*St. Germain-en-Laye, France*

- Graduated with Highest Honors (Mention Très Bien)

## WORK EXPERIENCE

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### ACU (Assistant C Unix) - Teaching assistant

EPITA

Sept 2025 — Jan 2026  
*Le Kremlin-Bicêtre, France*

- Taught first year engineering students the fundamentals of programming with C, Python and SQL
- Supervised 400 students during tutorials and permanences
- Contributed to the maintenance and crashtests of exercises and projects

### Fullstack Developer Intern

Chargeguru & Zeplug

Aug 2024 — Jan 2025  
*Paris, France*

- Designed and customized Salesforce applications to automate business workflows and boost team productivity
- Optimized GitHub CI/CD pipelines by restructuring workflow architecture and enhancing deployment log readability
- Contributed to frontend development of a next-generation client portal
- Applied Agile software development practices within a cross-functional team

## PROJECTS

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### typst-preview.nvim

- Open-source Neovim extension that enables real-time preview of Typst documents
- Image rendering directly inside a terminal

### Final year project with Aiba

- Propose a model that will be able to generate meaningful user representation based on communication behaviour
- Identify returning users attempting to rejoin a platform after a ban

### Other Academic Projects

- Personalized short video recommender system using the KuaiRec dataset based on a variational autoencoder
- Convolutional neural network for image classification of different types of ships
- ML-based segmentation for banking clients to identify customer profiles and potential risks based on financial behaviour

## SKILLS

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- **Programming Languages:** Python, C/C++, Lua, Go, JS/TS, HTML/CSS, Java, Bash, R, Apex, Rust
- **Technologies:** Git, Tensorflow, Keras, Torch, Docker, Kubernetes, NextJs, GitHub/GitLab CI/CD, Salesforce
- **Languages:** French, English (TOEIC 980), Russian