

Baptiste Colle

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Education

- Sep 2022–Present **MSc Computer Science, Artificial Intelligence major**, *Delft University of Technology*
- Sep 2019–Jul 2022 **BSc Computer Science and Engineering**, *Delft University of Technology*,
Grade - Cum Laude
Thesis: Generalization by visual attention
Minor: Brain and Mind at Vrije Universiteit Amsterdam

Experience

- Oct 2022–Present **Machine learning engineer intern**, *ASML*
I am working on anomaly detection on error logs using deep learning techniques. The goal of this project is to improve the reliability of lithography machines.
- Aug 2022–Present **Volunteer software developer**, *Rescue Dogs and Cats the Netherlands*
I am creating internal tools to more efficiently manage day-to-day tasks for other volunteers in the association, namely by automating the shelter adoption process.
- Apr 2021–Jul 2021 **Software engineer intern**, *Eya Solutions*
As a software engineer, I helped in the transition of the previous monolithic system into a distributed system in order to improve scalability and performance.
- Oct 2018–Jul 2019 **Software developer intern**, *Fab Lab Onl’Fait*
I worked on the development of a custom SLA 3D printer. I also contributed to the AstroPlant project by the ESA by installing and developing the project in swiss high schools.
- Sep 2018–Jul 2019 **Homework tutor**, *Association des repetiteurs Ajeta*
I did Math, Science, French and English tutoring for high school and middle school students. I enjoyed teaching, and this experience helped me better understand student difficulties.

Languages

- English Fluent (C2)
French Native
German Intermediate (B1)

Programming Skills

- Machine Learning Python, Pytorch, Scikit-Learn
Web development TypeScript, React, HTML, CSS
DevOps Git, Kubernetes, Docker
Others Java, Scala, C++

Achievements

- Aug 2018 Startup Weekend Kyoto - TechStars *First-place in a competition on the creation of a business idea*