


# Eyal Benaroche

Master Student in Computer Science

Looking for an *internship* : **4-6 months** from **April**

@ eyal.benaroche@polytechnique.edu

 GitHub  Website

 LinkedIn

## EDUCATION

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### Ecole Polytechnique, Engineering school

*Engineering Degree; GPA: 3.78/4.00*

Major in Computer Science, specialized in computer vision

Palaiseau, France

*Sep 2021 – Jun 2024*

- **Courses:** Machine & Deep Learning, Analysis of shapes, Digital Representation of Shapes, Advanced Deep Learning, Advanced Machine Learning and Autonomous Agents, Text Mining and NLP, Real-time AI in video games...

### Lycée Hoche, Classe Préparatoire

*PCSI - PSI; GPA : 4.00/4.00*

Post-secondary 2-year study which act as an intensive preparatory course training students for enrolment in one of the top-level engineering schools in France

Versailles, France

*2019 – 2021*

## EXPERIENCE

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### Fujitsu Limited

*Behavioural Analysis Researcher*

Tokyo, Japan

*Jun 2023 – Sep 2023*

- AI Research in object detection and data augmentation, improve logo detection technique using generative AI and deterministic algorithm constraints.

### Compute Science Council

*System Administrator & Treasurer*

Ecole Polytechnique, France

*Nov 2022 – Now*

- The [Binet Réseau](#) provides services (Gitlab, Nextcloud, cloud computing..) to the student body, self host 120+ websites, a homemade social network, and a online & on-site support service hotline.

### Sport Council

*Organizer & Web Developper*

Ecole Polytechnique, France

*December 2022 – Now*

- In charge of organizing the *Coupe de l'X* tournament and inner workings of sports related activities in the School

### Cours Eric Tabarly, Esperance Banlieues

*Teacher*

Toulon, France

*Oct 2021 – Apr 2022*

- Worked for children coming from tough neighborhood and with multiple liabilities (from dyslexia to drugs) and improved the school's IT infrastructure

## SKILLS

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**Computer:** Python (PyTorch & OpenCV), Linux, C++, Svelte, Git, Docker, TypeScript, SQL, Arduino, Lua

**Languages:** French (Native), English (Professional), Spanish (Elementary), Japanese (Beginner)

## HOBBIES

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**Volleyball:** I have been playing in competition for 4 years, now playing as a setter at Ecole Polytechnique.

**Video Games:** From MMORPG to MOBA or FPS, I appreciate both indie games and bestsellers. I work on a Starcraft bot.

**Electronic Music:** I enjoy very niche music (Dubstep, Drum & Bass, Future Bass...) and I would love to work with Generative AI around music.

**Japanese Culture:** I am keen on light novels (novels released per chapter mostly on a weekly basis) and also on mangas. I have lived for 3 months in Tokyo and discovered Japanese culture, language and landscapes.

**Drawing:** I very much enjoy design and drawing, I take inspiration from SamDoesArt and Philpp Ulrich.