

Eyal Benaroche

Master Student in Computer Science

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

@ eyal.benaroche@polytechnique.edu

🐙 GitHub 🌐 shaamallow.com

📄 eyal-benaroche

EDUCATION

Ecole Polytechnique, Engineering school

Engineering Degree; Outstanding Investment Award

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, IoT, Visualization, Conception of Algorithms...

Lycée Hoche, Classe Préparatoire

PCSI - PSI

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

Fujitsu Limited

Research Scientist Intern

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

Tokyo, Japan

Jun 2023 – Sep 2023

Compute Science Council

System Administrator & Treasurer

- 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.

Ecole Polytechnique, France

Nov 2022 – Dec 2023

Sport Council

Organizer & Software Engineer

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

Ecole Polytechnique, France

Dec 2022 – Dec 2023

Cours Eric Tabarly, Esperance Banlieues

Teacher

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

Toulon, France

Oct 2021 – Apr 2022

SKILLS

Computer: Python (PyTorch & OpenCV), Linux, C++, Svelte, Git, Docker, d3.js, TypeScript, SQL, Arduino, Lua

Languages: French (Native), English (111 TOEFL), Spanish (Intermediate), Japanese (Beginner)

HOBBIES

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. Worked on RLHF for bots

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 Urlich.