Eyal Benaroche

Master Student in Computer Science
Looking for an *internship* : **4-6 months** from **April**

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EDUCATION

Ecole Polytechnique, Engineering school — Palaiseau, France
Engineering Degree; GPA: 3.79/4.00; Outstanding Investment Award — *Sep 2021 – Jun 2024*
Major in Computer Science, specialized in computer vision

- **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 — Versailles, France
PCSI - PSI; GPA : 4.00/4.00 — *2019 – 2021*
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

EXPERIENCE

Fujitsu Limited — Tokyo, Japan
Behavioural Analysis Researcher — *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 — Ecole Polytechnique, France
System Administrator & Treasurer — *Nov 2022 – Dec 2023*

- 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 — Ecole Polytechnique, France
Organizer & Web Developper — *Dec 2022 – Dec 2023*

- 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 — Toulon, France
Teacher — *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

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. 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 Urlich.