Cyrus PELLET

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EDUCATION

INSEAD   **France - Singapore**
Master in Management Class of 2024   **2023 - 2024**
- Available for full time employment in July 2024
- Graduation date: December 2024

École Polytechnique   **France**
Bachelor of Science - Mathematics and Computer Science major   **2020 - 2023**
- Wrote a thesis on a novel Federated Learning approach for poverty prediction based on mobile phone records in Senegal
- Minor in Biology - researched personalised reconstitution of the tumoral process in breast cancer as part of an international research project. Results published in "Nature" science journal
- Activities: Vice-President - Computer Science committee, Leader - XCoin (bespoke cryptocurrency project)
- Recipient of the"Outstanding student who has distinguished himself through his dedication to the Ecole Polytechnique community and/or to the welfare of society" award and 8,000€ of fuding for leading the development of the school's e-learning application

PROFESSIONAL EXPERIENCE

Safran Landing Systems   **Vélizy-Villacoublay, France**
World leader in aircraft landing and braking systems, with more than 900 airline customers
System Engineering Intern   **June 2021 - July 2021**
- Spearheaded the creation of a landing gear door actuation system; a training template for new team members across 4 departments
- Harnessed specialized software and resources in alignment with production constraints from top 3 aircraft manufacturers
- Represented the organization on a global stage by participating in the worldwide Model-Based Systems Engineering summit. Leveraged interactions with 12 major figures in the field to understand latest trends, reporting findings to the VP of equipments

Virtuos   **Singapore, Singapore**
AAA video game development studio, released 1500+ titles over 19 years
Software Engineering Intern   **June 2019 - August 2019**
- Implemented core features aimed to improve 3D designers' efficiency by up to 150% for repetitive tasks linked to the UV unwrapping process, contributing to a large production-ready codebase in little onboarding time
- Took part in early research for the team's next project, conducting a suitability analysis for the integration of Unreal Engine, potentially saving up to 150,000 lines of code and opening up to the adoption of next-generation rendering pipelines
- Oversaw the creation of a team knowledge base in Confluence, aimed to reduce the onboarding time of new developers by a factor of 3 on large projects. Collected knowledge and best practices of a range of internal tools in one place for straightforward reference

LEADERSHIP EXPERIENCE

NAME App UK   **London, United Kingdom**
Slow fashion platform to connect students with small sustainable brands in the UK
Co-Founder   **September 2021 - April 2023**
- Recruited and directed a team of 6 passionate individuals guided by a mission to promote sustainable shopping to students in Europe. Raised £60,000 and reached 400 monthly active users in less than a year
- Conceptualised and realised business strategy for attracting 20+ clients for NAME's B2B offering, working with CEOs and CTOs to offer a bespoke marketing platform. Increased brand visibility by 400% in specific market segments
- Organized the sale of NAME's product web-scraping and consumer engagement analytics technology to the UK's #3 leader in e-commerce engagement solutions

ADDITIONAL INFORMATION

Nationality: French (EU), Singapore Student Visa valid until December 2024
Languages: French (Native), English (Proficient), German (Advanced), Russian (Beginner)
Competitions: First Place in Technical Excellence at Total Energies ML for Energy Efficiency Competition, 2021. First Place at G-Research European Coding Challenge, 2022
Sports: National swimming team in Mauritius, represented university at national fencing competition
Societies: Led marketing efforts for TEDx TanglinTrustSchool in Singapore, launched a hydroponics farm during studies in France
Volunteering: Taught French and English to underage migrants in Paris, provided assistance with legal and administrative procedures
Interests: Commercial aerial photography, classical music (harpsichord) & theory