Thomas Feray-Desgranges

Jr. Software Developer

San Diego, CA

Graduating Master's Degree Computer Science student seeking both internship and full-time opportunities. Foundations in programming languages, platforms, and frameworks in several IT domains such as artificial intelligence, desktop, web, and mobile full-stack development. Acquired skills in designing and developing applications during projects.

During my childhood, I had the opportunity to live in Mexico, India, and France. This year, I returned to the American continent through Cancun, Mexico, and traveled about 4,800 miles in my van to San Diego, my birthplace.

Accomplishments

2022 — Led a team of 2 other students to create a complete and secure event management app for hosts and guests. I mainly focused on designing and developing the front end. The solution works both online and offline, thanks to its reliance on cached data and Bluetooth communication between devices. We concluded this one-year project with a presentation in front of a jury and a 30-page report.
→ Flutter, Firebase, Cybersecurity, Cached data, Git, Figma
→ Project management, Project presentation

2022 — Led my team to win the first prize during a 24-hour coding hackathon. We worked together effectively as a team of 5 students, to create a fun and creative game interacting with real-life objects (ArUco markers and connected light sources). I mainly focused on real-time video analysis.
→ Python, Live-feed video analysis (OpenCV)
→ Effective communication, Teamwork, Quick decision-making

Other Projects

Web
- Developed a game library management system using PHP, JavaScript, HTML, and CSS.
- Created my portfolio using .NET's framework Blazor, in C#.

Contact

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managatrix.github.io/Portfolio

Soft Skills

→ Reliable
→ Eager to work and learn
→ Adaptable
→ Curious
→ Teamwork-oriented
→ Communication first
→ Passionate
→ Attention to detail

Technical skills

Skill	Level
Java	●●●●○
C#	●●○○○
C	●●●○○
API	●●●○○
JavaScript	●●○○○
PHP	●●●○○
HTML/CSS	●●●●○
Flutter	●●●●○
Dart	●●●○○
.NET Blazor	●●●●○
Python	●●●○○

✨ AI

- Developed an NLP Machine Learning model to classify YouTube videos based on their comments, using Python with Scikit-Learn and Pandas.
- Developed an NLP Machine Learning model capable of identifying the language used in a TEDx presentation. Tools used: Python, Jupyter, Pandas, Librosa, Scikit-Learn, and PyTorch.

Mobile

- Developed a music streaming app based on an existing streaming API. I build a version using Ionic and TypeScript; another using Kotlin and Android Studio.
- Developed a Telegram weather chatbot using Java, Telegram's API, and a weather API.
- Designed an educational mobile application using Figma and Android Studio.

Education

Graduating in 2023
Master's Degree in Computer Science
University of Le Mans (ENSIM), France

My degree has taught me a wide array of CS technologies and practices, from software development to AI and data science. I took part in many school projects as a team or solo.

2022
Exchange program in Canada
University of Quebec (UQO), Gatineau, Canada

During my semester abroad, I studied AI, cybersecurity, algorithmics, and business intelligence. This brought me a research-oriented learning mindset and a rich traveling experience.

Work History

Aug. 2023
|
Current
Amazon Delivery Driver
Epic Lightning Fast Service, San Diego, CA

Over 2,500 packages successfully delivered in 4 weeks with a focus on quality over quantity.

Jul. 2021
|
Aug. 2021
Order Picker
Attestis - Sophia Antipolis, France

Attestis is a smart building permit panels startup. I served as a technician and was responsible for various tasks.

Machine Learning
●●●●○

Git
●●●○○

Unity
●●●○○

VS Code
●●●●○

CLI
●●●○○

Languages

English
●●●●●

French
●●●●●

Spanish
●●●○○