

# 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](https://managatrix.github.io/Portfolio)

## Soft Skills

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

## Technical skills

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

Jul. 2021

### Order Picker

Aug. 2021

*Attestis - Sophia Antipolis, France*

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

Jun. 2019

### Electrician Assistant

Jul. 2019

*Assess Batiment - Cannes, France*

Machine  
Learning



Git



Unity



VS Code



CLI



## Languages

English



French



Spanish

