



# Adrien Dudon

Software Developer or similar

Available from October 2025

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[adriendudon.me/](https://adriendudon.me/)

[gitlab.com/deewens](https://gitlab.com/deewens)

## Skills

### Programming Languages

C/C++, C#, Python, Java, PHP, JavaScript (JS), TypeScript (TS)

### Game Development

Unity, Unreal Engine, SFML, Gameplay, UI, AI, Multiplayer

### Tools & Frameworks

ReactJS, React Native, Node.js, Angular, Spring Boot, J2EE, Linux, Docker, Git, Perforce, CI/CD

### Machine Learning

PyTorch, TensorFlow

### Project Management

Agile (Scrum, Kanban), Lean thinking, Team management

### Soft skills

Curious, team spirit, autonomy, rigour

## Languages

### French

Native speaker

### English

Fluent (TOEIC: 905/990 – lived in Ireland for 2 years)

## Referees

### Laurent Melot

Quality Technical Manager at Expleo

[lmelot@hotmail.com](mailto:lmelot@hotmail.com)

## Education

### Master in Video Games (Programming)

June 2025

Haute Ecole Albert Jacquard | Namur, Belgium

GPA: 14.7/20

Gameplay, Tools, UI, 2D/3D Maths, Project Management, Game Production

### Bachelor of Science in Computer Games Development

June 2023

South East Technological University | Carlow, Ireland

GPA: 75%

Gameplay, Engine, AI, Online Multiplayer, Machine Learning – First Class Honours

### Professional Degree in Web App Development

Sep 2021

IUT Robert Schuman | Strasbourg, France

GPA: 14.7/20

Full stack app development (Web, Mobile, API)

### 2-year University Degree in Technology in Computer Science

Aug 2020

Institut Universitaire de Technologie Metz | France

GPA: 13.9/20

Programming, Data Structures and Algorithms, Databases, Maths – Best Project Award

## Work Experience

### Full Stack Engineer (Internship)

March 2022 – Aug 2022

Expleo – Montigny-le-Bretonneux, France

- Collaborated with the Expleo Return Parts team to improve the workflow of returning defective Renault car parts for analysis
- Developed an app to replace a shared Excel file used by dozens of incidentologists
- Helped shape a forward-looking vision, which led to the interest of Renault to implement a similar system internally

### Web Developer (Apprenticeship)

Sep 2020 – Sep 2021

CG Project Management – Strasbourg, France

- Designed and developed features for a project management app called Gouti
- Developed highly requested features such as “Project Templates” or “Knowledge bases”
- Led to the growth of the app functionality, transforming the app into an ERP

### Talend ETL Developer (Internship)

May 2020 – July 2020

Université de Versailles Saint-Quentin-en-Yvelines – France

- Developed, tested and validated the extraction of data with Talend Data Integration tool on the university databases
- Formatted data requested by the French Higher Education Ministry, to assess the success of a government reform
- Developed an automatic data verification script on the database, which improved data validity and integrity
- Facilitated the generation of online exams, during the COVID-19 crisis by developing an automation script

## Projects

### Project management research thesis

[adriendudon.me/masterthesis](https://adriendudon.me/masterthesis)

Research thesis studying video game project management in a university context to understand the challenges faced by students and possible solutions.

### Alazia (video game)

[adriendudon.me/alazia](https://adriendudon.me/alazia)

A third-person action-adventure game in which the player drains and redistributes the life of creatures and the environment to solve puzzles throughout their adventure.

### Space Orbit (video game)

[adriendudon.me/spaceorbit](https://adriendudon.me/spaceorbit)

A 2D game where the goal is to successfully launch a rocket into orbit. Uses the law of universal gravitation to teach how gravity works in a fun way.

### Research project: comparison of neural agents

[adriendudon.me/cnnvsswin](https://adriendudon.me/cnnvsswin)

Compare AI agents learning to play video games using a convolutional neural network and a ViT.

Published in the [24th International Conference on Intelligent Games and Simulation, GAME-ON 2023](#) in Carlow, Ireland.

Award for the best project developed with open-source technologies.