



# LACOMBE ALEXIA

Looking for a graduate internship in  
video game programming  
(gameplay/UI/AI)

## CONTACT



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<https://lacombea.github.io/Lacombe-Alexia/index>



## LANGUAGES

Français : native  
Anglais : TOEIC 955/990  
Allemand : B1 (intermédiaire)



## TOOLS

Windows / Linux  
Git / Github / Perforce  
Jupyter notebook / LaTeX  
Python  
C / C++  
Java / C#  
HTML / CSS / JS  
SQL / Modelio  
Unity / Unreal  
Android Studio  
Trello / Jira  
Postman  
Canva / Photoshop

# UQAC



ÉCOLE NATIONALE D'INGÉNIEURS DE BREST

## EDUCATION

### Master's degree in computer science (video game)

University of Quebec - Chicoutimi | since September 2022

#### Courses followed :

Principles of video game design and development  
Practical workshop in video games 1 & 2  
Principles of game engines  
Network programming in video games  
3D interaction and virtual reality  
Serious games Programming for mobile platforms  
Fundamentals of machine learning  
AI for video game  
Programming for mobile platforms

### Engineering degree

National School of Engineering - Brest | since 2018

Currently in fifth year

#### Fourth year computer module :

Design of interactive applications (HMI, UCD, Android, TkInter, PyQt5, Web)

#### Third year computer project : Escape Shark

Development of an application of enigmas and awareness around sharks (Python Tkinter)

### University Diploma in Entrepreneurship

IAE de Bretagne Occidentale | 2021

Final exam : 16/20  
Management, marketing, business law, accounting

## WORK EXPERIENCE

### Research assistant

Université du Québec à Chicoutimi | From May to June 2023

Cogni-actif : serious game programming in C# (Unity)

### Pedagogical assistant

University of Quebec - Chicoutimi | From September to May 2022

Teaching, supervising and grading exams for courses in basic mathematics, advanced calculus and programming elements (C++)

### Virtual reality assistant engineer internship

e-ManRisk - Le Relecq-Kerhuon | From February to June 2022

Implementation of a virtual reality training for traceability and hygiene protocols

C# (Unity) / Node / JS (Puppeteer)

### Fast food multipurpose team member

McDonald's - Brest and Gunderschoffen | From April 2018 to June 2022

Student job during weekends and vacations Orders taking and preparation Team work, stress management