

# Thomas Foucault

thomasfclt@gmail.com | Tampere, Finland | www.tfoucault.eu

## About me

---

**Programming Languages:** Java, Python, **C#**, JavaScript, C, Swift, SQL, HTML/CSS, C++, MATLAB  
**Development Tools:** **Unity 3D**, Linux, Windows, **Android**, iOS, **Git**, React Native, AngularJS, Trello  
**Languages:** Native French speaker, Fluent in English, Intermediate in Spanish  
**Interests:** Data Engineering, User Experience, Virtual Reality, Digital Art, Gamification

## Experience

---

**CodinGame** **Montpellier, France**  
*Full Stack Developer, Intern* April 2018 – August 2018

- Added technical and rendering features for the company's Game Engine in Java and JavaScript. Wrote its full documentation.
- Worked on games' gameplay and graphical implementation for businesses and 1 million registered users.
- Developed a web service's new UI with AngularJS. Enabled their website's back-end to handle new features and maintain security using Java and PostgreSQL.

**Freelance Software Developer** **Remote**  
July 2017 – Present

- Design and development of cross-platform mobile applications
- Data scrapping and compiling for AI training

**Technology Everywhere** **Laval, France**  
*Mobile Developer, Intern* April 2017 – June 2017

- Designed and made an iOS Chatbot application in Swift for booking coworking rooms.
- Developed an Android application in Java to provide transport, restaurant and janitorial services using various external APIs.

**Tutoring** **Laval, France**  
Gave remedial lectures to help university students. February 2016 – February 2017

## Projects & Hackathons

---

**Published Games** **<https://thfoucault.itch.io>**  
*Unity/C# Developer* January 2017 – Present

- *Flower*: Real-time strategy game. Worked on procedural generation, gameplay, user interface and bots AI.
- *Elison*: Beat them'all game using 2D and 3D assets. Worked on game controls, FX, sound ambiance and assets integration.
- *Antisocial Exhibitor 2017*: Tower defense. Mainly worked on level design, pathfinding and gameplay.

**WiFi mapping Android application – CartoWifi** **Laval, France**  
Developed an Android app enabling users to map their WiFi signal reception strength in a building. Features a guided drawing interface and an efficient use of phones' system services. December 2016

**Tarkiflettes** **France**  
*President, Co-founder* September 2015 – August 2018

Co-founded a student association bringing students together to participate in programming contests and game jams. Organized 1 hackathon, participated in 9 others and **won several 1<sup>st</sup> prizes** (*Microsoft, SoftAtHome, CS*).

## Education

---

**Tampere University of Technology** **Tampere, Finland**  
Master's Degree, Data Engineering and Machine Learning 2018 – 2020

**Université de Rennes 1 – GPA: 3.6/4, Rank: 3/109** **Rennes, France**  
Bachelor's Degree, Computer Science 2017 – 2018

**Le Mans Université** **Laval, France**  
Two-year university degree, Computer Science 2015 – 2017