Killian Pujol
Software Developer Engineer

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Computer Science major with practical experience in **project management** through several university projects and a previous internship with a start-up. Advanced knowledge in **software development.** Currently specializing in **3D imagery** (**VR, AR**) and an interest in AI (Neural Network/Shape recognition).

LANGUAGES

French: Native Speaker

English: B2 (Linguaskill Business)

German: Basic

COMPUTER SKILLS

Software/Hardware: C, Java, C#, C++, VBA, Arduino, Python, SARL

Web: Html/CSS, PHP, JavaScript, TypeScript, AngularJS, Ruby

Modeling: UML

Database: SQL, PLSQL

System: Linux, Windows

Assembly: ARM, Intel

Versioning: Git

3D Modeling: Blender, Unity

Visual Programming: Node-RED

AI: Tensorflow, Fuzzy logic, Neural Network

INTEREST

Guitar study (10 years)

Judo in club (8 years)

Basketball in club (2 years)

Climbing in UTBM club (2 years)

EDUCATION

UNIVERSITY OF TECHNOLOGY OF BELFORT-MONBÉLIARD
2017 - 2021 | Belfort, France
French Engineer Diploma in Computer Science (Equivalent to a Masters in Engineering)

UNIVERSITY INSTITUTE OF TECHNOLOGY
2015 - 2017 | Fontainebleau, France
Two-year Technical Degree in Computer Science

EXPERIENCE

CAMPUS BIOTECH (FCBG) | INTERN VR ENGINEER
Feb 2020 - July 2020 | Geneva, Switzerland
Design of a virtual 'Cocktail Party' environment for exploring the neural correlates of speech stream segregation:
- Create a **VR environment and interactions**
- Automate random scene creation
- Set up **animations** using motion capture
- Automate speech **synchronization with character lip movement**
- **Model and texture a 3D object**

ZENPARK | R&D INTERN
Sept 2018 - Fev 2019 | Paris 02, France
Full stack web development
- Implementation of new functionalities and improvement to the **BackOffice** and **FrontOffice** of the website
- **Automation of test facilities and Continuous Integration (Jenkins)**
- Project management in Scrum with Kanban table uses
- Management and presentation of IT team meetings, as a **Scrum Master**
- **Assistance to other teams** in case of site related problems
- Embedded development on a hardware of the startup

SCHOOL PROJECTS

WEBSITE FOR A FIRM (confidential project)
Developed in Ruby/Html/Css/Javascritp/C#
- Creation of **an internal virtual Linux server** for website hosting
- Implementation of **Search Engine** and its **database**, and **3D part**
- Implementation of an **API** between the 3D part of the website and the database

PERSONAL PROJECT

3D GAME PORTFOLIO / INTERACTIVE CV (in progress)
Developed in C#
- Implementation of a controllable character, to visit and interact with a 3D environment, representing my background, and my projects in more detail