Tom BOUDARD

Computer graphics assistant engineer internship

Diligent and involved, with a passion for 3D animation and VFX. Creative and persistent, eager to get the opportunity to provide innovative solutions. Interested in 3D modelling technologies for a long time willing to learn more about this field.
Looking for an assistant engineer internship of at least 12 weeks in summer 2023.

Born on the 03/21/2001
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Tom Boudard
+33 6 04 44 26 83
Driving licence

./ Schooling

2021 to 2024 – **Ensimag** (Graduate School of Engineering in Applied Mathematics and Computer Sciences) at Grenoble INP (National Polytechnic Institute) engineering and management institute – **Computer science and mathematics school with image, simulation and mathematical modelling specialisation**

2019 to 2021 – **La Prépa des INP** at Grenoble INP engineering and management institute – **Generalist scientific preparatory class**

2019 – **General scientific baccalaureate with option earth and life sciences and speciality mathematics**, obtained with merit

./ Skills

Programming – Languages and API: **C, Python, Java, C++, OpenGL** with Python, SQL, Assembly, …

Applied mathematics – **Algebra, Analyse**, …

French – **Mother tongue**

English – **B2 Level** certificated by the TOEIC in 2022 and the First for Schools of the Cambridge University in 2019

Spanish – **B1 Level**

Polish – **Beginner Level**

./ Experiences

June to July **2022** – **Internship of seven weeks at Arturia** in France at Montbonnot-Saint-Martin
Realisation of the stocktake of the aftersales department and repairs of musical units

June to July **2021** – **Internship of six weeks at Eurostyle Systems** in France at Sens
Study of risks and realisation of records of jobs in the Health Security and Environment department

./ Projects

Graphic interface in **C** in a **group of 3 persons:**

Library using SDL (Simple DirectMedia Layer) allowing the user to create and move windows with buttons, frames, images, …

Approximation of π value with a **.gif visualisation** in **Python:**

Visualisation of the Monte Carlo method and displaying the π approximation by creating .ppm files and then a .gif

./ Hobbies

CAM (Computer Aided Music) on Ableton Live (Synthwave, Trap, …)

Member of the art association of the Ensimag – In charge of the music department

Guitar – Practice for 10 years (Blues, Rock, …)

Projects of 3D modelling with Blender

Climbing – Bouldering tournament in 2016 in Paron and in 2017 in Dijon

Cycling – Bike trip of 450 kilometers in 2021