

Thomas Quentel

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Personal Statement

I am a student in computer science and I am passionate about robotics and electronics. I would like to discover this vast world within your company during an internship of 4 to 5 months.
[What I can offer the company. Include: My experience in volunteering allows me.... As a former trainer, I can contribute...]
Afterwards, I would like to continue in robotics or in embedded systems while investing time in a non-profit association related to youth (social, school or sport).

Education

2021-24 (3 years)

ISIMA - Institut National de Polytechnique ~ Clermont-Ferrand

College of engineering in computer science, mathematical modeling and applications (Institut Supérieur d'Informatique, de Modélisation et de leurs Applications)

- Diploma in computer engineering
- Acquired during the first year: C language, SQL, digital system design, graph theory, automation, semiconductor physics, probabilities
- Currently in 2nd year
- Option: Computing for Embedded, Robotic and Virtual Systems
- CyberEdu label from ANSSI, a French public authority for cyber security (cyber security awareness)
- Degree: Graduate Engineer September 2024

2019-21 (2 years)

Lycée Couffignal ~ Strasbourg

- 2 years of study with a selection exam for admission to engineering schools in physics, technology and engineering sciences
- Classe Préparatoire aux Grandes Écoles en Physique, Technologie et Science de l'Ingénieur

2019

Lycée Jean Monnet ~ Strasbourg

- Scientific baccalaureate with specialization in computer science and digital science. Mention Bien (cum laude).

Skills

Programming

- C Language, C++, Java, SQL, Python, HTML, CSS, Scheme

Computer Science

- Robotics, Embedded Systems, Automatic Cybernetics, Digital Signal Processing, Secure Data Transmission, Virtual Reality, Imaging Vision, IoT, Git

Projects

June 2022

ISIMA - Institut National de Polytechnique ~ Clermont-Ferrand

College of engineering in computer science, mathematical modeling and applications (Institut Supérieur d'Informatique, de Modélisation et de leurs Applications)

- Year 1 project. Learning through reinforcement with the C language and the SDL2 library.
- View project: perso.isima.fr/~thquentel/Anglais/projetZZ1/AccueilProjet.html

March 2022

ISIMA - Institut National de Polytechnique ~ Clermont-Ferrand

- Game Jam: Creation of a video game in one weekend
- Theme: "À la carte" (On the map) with the Unity game engine
- View project: perso.isima.fr/~thquentel/Anglais/GameJam/mars2022.html

October 2021

ISIMA - Institut National de Polytechnique ~ Clermont-Ferrand

- Game Jam. Theme: "Lunar" with the Godot game engine.
- View project: perso.isima.fr/~thquentel/Anglais/GameJam/octobre2021.html

2018-19

Lycée Jean Monnet ~ Strasbourg

- School project for high school graduation. Tetris "TUQ" programmed in Processing
- View project: perso.isima.fr/~thquentel/Anglais/TUQ/AccueilTUQ.html

Languages

- French (mother tongue), English (B2), German (A2)

Volunteering and hobbies

2022-23 (1 year)

Jam Des Volcans ~ Clermont-Ferrand

- Global Game Jam: Creation of a video game in one weekend open to many schools and individuals.
- Organizer as secretary
- Takeover of the association in March 2023

2022-23 (1 year)

Association des Élèves Ingénieur de l'ISIMA ~ Clermont-Ferrand

- Communications Officer of the Student body council and the Gaming Club (ReZZo)
- Responsible for prevention and accompaniment on sexual and gender-based violence.
- Secretary of the video game club (Pixel)
- Member of the Robotics Club (IsiBot)

2021-22 (1 year)

ISIMA - Institut National de Polytechnique ~ Clermont-Ferrand

- Handituteur
- Academic help to disabled pupils in local secondary schools to improve their results (meetings once a week)

2019

Protection Civile 67 ~ Strasbourg

- First aid certificate (PSC1: Prévention et Secours Civiques de niveau 1)

2018-19 (8 months)

SL Constantia Neudorf ~ Strasbourg

- Voluntary civic service (Service Civique)
- Animator in a leisure center with a sports focus

July 2019

CR FSCF - Auvergne-Rhône-Alpes ~ La Motte-Servolex

- Regional Committee (Comité Régional de la Fédération Sportive et Culturelle de France de la région Auvergne-Rhône-Alpes)
- Training as a gymnastics coach for youth (boys and girls)
- AF1: Animateur Fédéral 1 Gymnastique Bi-Qualifiant

2019

CR FSCF - Grand Est ~ Strasbourg

- BAFA: Brevet d'Aptitude aux Fonctions d'Animateur
- A general seminar to acquire basic knowledge for the tasks of a facilitator (8 days)
- An internship in a leisure centre (14 days)

2015-21 (6 Jahre)

SL Constantia Neudorf ~ Strasbourg

- Gymnastics Coaches (Male and Female)
- Responsible for competitions for 6-9 year olds from 2016 to 2021

Hobbies

- Computer science, electronics, hiking, gymnastics and video games