

# Gabrielle Thurnherr

## Software Engineer

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## Experience

### Software Engineer

#### ROSAS Center

📅 Mar 2023 – Present 📍 Bluefactory, Fribourg

- Developed and maintained applications and user interfaces for various projects using React and Angular.
- Designed and implemented 3D simulation environments for industry-level autonomous vehicle systems, ensuring alignment with client needs and technical specifications.
- Utilised Docker and Git for version control and deployment in a collaborative team environment, adhering to agile methodologies.

### IT Support

#### University of Lausanne

📅 Sep 2020 – Sep 2022 📍 UNIL, Lausanne

- Assisted in maintenance and upgrade of hardware and software systems for students and faculty.

### Teacher

#### Futurekids

📅 Aug 2019 – Dec 2019 📍 Nyon, Vaud

- Taught children key concepts of Computer Science and Robotics through fun activities and projects.

### Trainee

#### HumanTech Institute

📅 Feb 2018 – Jun 2018 📍 HEIA-FR, Fribourg

- Contributed to several Web development projects and applications.

## Languages

French

Native

English

Fluent

German

Upper Intermediate

## Skills

### Programming Languages

TypeScript, JavaScript, Java, C/C++, Python

### Web Development

React, React Native, Next.js, Framer Motion, Tailwind CSS, Angular, Figma, HTML, CSS, Prisma, PostgreSQL

### System And Tools

Linux (Ubuntu), Docker, Git

## Education

### BSc HES-SO in Computer Science

Haute Ecole d'Ingénierie et de Gestion du Canton de Vaud (HEIG-VD)

📅 Sep 2018 – Sep 2022

### Preparatory year APFI

Haute Ecole d'Ingénierie et de Gestion du Canton de Vaud (HEIG-VD)

📅 Sep 2017 – Jun 2018

### Undergraduate, Computer Science

Ecole Polytechnique Fédérale de Lausanne (EPFL)

📅 Sep 2016 – Jun 2017

## Interests

### Technical

Web app development, UX/UI design, Robotics

### Hobbies

Cooking, Crafts, Video Games, Climbing

### Other

Member of the robotics team at HEIG-VD  
Volunteer for the communication team and the event planning team while at HEIG-VD