Thomas BACH

Computer science engineering student

I'm a French engineering student (5th year) in computer science, and I'm looking for a 6 months internship abroad starting on March 20th 2023 (or early April) in software development, DevOps or AI/ML, to improve and develop my skills.

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CODE SKILLS

- Java
- C
- Python
- Angular
- MySQL

LANGUAGES

C2 FRENCH
Native

C1 ENGLISH
Linguaskill

A2 SPANISH
School

TOOLS

- VSCode
- Docker
- GH Actions
- Git
- Linux

HOBBIES

Programming   Video games

Sport   Sciences

PROJECTS

- **DAAM : VIDEO GAME IN JAVA |** School project - 2021
  Development from scratch of a small video game in Java in team of 6 during 3 weeks. Constraints : MVC structure and use of automata.

- **PORTFOLIO WEBSITE |** Personnal project - 2021 → 2022
  Personnal website on which I expose my project and more information. Link : http://thomasbach.fr

- **PROJECT ROBIN (AI) |** School project - 2022
  Training and integration in an embedded system of a model for animal sound recognition (Edge Impulse and Wio Terminal).

- **MEDICAL WEB APP |** School project - 2022
  Full stack web app to help detecting denutrition, developed in team using agile practices. My role: front-end, DevOps and scrum master. Technologies : JHipster, Angular, Java Spring, Docker, GitHub actions.

EXPERIENCES

- **SOFTWARE DEVELOPMENT INTERN |** GERAL - may → july 2022
  Development of a management interface for electronic cards test (run tests, history, results analysis). Technologies : ElectronJS, Angular, MySQL

- **SUMMER JOBS |** 2019 - 2020 - 2021
  Stock handler in warehouse, order picker and stock management, dimension measurements in a railway construction site.

SKILLS

- **Languages/frameworks** : Java, C, Python, Angular, MySQL, HTML, CSS, JS/TS, ElectronJS, ARM, OCaml, Coq, Unity, C#

- Mathematics : **linear algebra**, **analysis**, **statistics**

- **Linux** and **Windows**

- OOP, Concurrent programming, AI/ML, Human/Machine interfaces, Databases, Web, Data science...

- **Organized**, **creative** and used to **team working**

EDUCATION

2020 - 2023	**Engineering cycle** Computer science - Polytech Grenoble
2018 - 2020	**Second-year university level** L2 Math/Computer science - DLST/Polytech Grenoble
2018	**High school diploma (sciences)** Biology option - Lycée Pravaz (Le Pont de Beauvoisin)