

# TAYEB HAKKAR

## Application for a **web developer** **internship**

### PROFILE

Curious, sociable, and passionate about IT (hardware and development) since my teenage years. I love everything about the web and Japan.

- 20 years old
- Driving Licence (car, motorcycle)

### SKILLS

- Web Front-end (JS, HTML5, CSS3)
- Web Back-end (PHP, Python, NodeJs)
- C Language
- Database (MySQL)
- Oriented Object Programming (Java, JS, Python, C++)
- Scripts (bash, dash, ruby, Scheme)
- Analysis and modeling (UML)
- Project management (GitHub, GitLab)
- Software testing (JUnit, GoogleTest)
- Teamwork
- Detail-oriented

### LANGUAGES

- French, mother tongue
- English, B2, able to hold a discussion
- Spanish, B1, able to hold a discussion
- Japanese, A2, some notions

### CONTACT

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## EDUCATION

### Computer Science Bachelor's Degree – Third year

University of Franche-Comté | September 2019 – now

- First and second year completed with honours
- CMI - Master of Engineering program - in Computer science:
  - Additional courses: marketing, internship, projects...
  - Organization of a public event (RnDay)

### Science Baccalaureate

High school Claude Nicolas Ledoux, Besançon | 2019

- With honours
- Major in mathematics

## WORK EXPERIENCE & PROJECTS

### Besançon Observatory Intern

UTINAM Institute | Jun - July 2021

- Under the supervision of Julien MONTILLAUD
- Development of a web application for manipulation of astronomical radio data (sky maps 2D/3D)
- Use of the Python libraries Bokeh and Astropy

### Activity preparator – Introduction to IT for children

La Fabrikà, University of Franche-Comté | April 2021

- Creation of programming introduction workshops for children from 8 to 13 years old

### Fictitious book sales website

Bookshop Project | 2021

- Use of PHP, HTML, CSS, and MySQL

### Libraries C/C++

Functions libraries | 2020-2021

- Libraries for automata, strings, arrays, trees, heaps, ...

### Video Games

Developed games | 2019-2021

- Centipede (JS)
- Tron (JS)
- Ludo (Java)
- Smart player for quoridor board game (C, graph theory)
- Naval battle in local network (JS, NodeJS)
- Multiplayer mobile mini gold game (PWA, JS, NodeJS)

## NON-PROFESSIONAL EXPERIENCE

**Nuit de l'Info**, night spent doing IT on different software to achieve common goals across France (2019, 2020 and 2021 editions)

**Personal projects (in progress)**, discord bot, soundbox on Android

## INTERESTS

- **Japanese Culture:** learning Japanese language (a semester abroad is planned)
- **Video games:** competitive spirit, taste for challenge, team spirit
- **Astronomy:** sky observations (stars, planets, solar flares)