

# JOEY DAVID

Computer Science Undergraduate

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## Background

As a proactive and high-achieving exchange student, I am seeking a software engineering internship in the US between April and August 2024. Bringing an international perspective and a strong academic foundation, I am excited to leverage my diverse academic background to contribute to an innovative and dynamic work environment.

## Education

### Oregon State University

B.S. in Computer Science - Expected - Exchange Student

Sep. 2023 – April 2024

GPA: 4.0. Corvallis, OR

### Université Claude Bernard

B.S. in Computer Science - Expected

Sep. 2021 – April 2024

GPA: N/A - Ranked top 15%. Lyon, France

## Relevant Coursework

- Data Structures
- Software Methodology
- Database Management
- Operating Systems
- Automated Testing
- Algorithms Analysis
- Scrum Methodology
- Computer Architecture

## Projects

### Staresiod | C++, SDL2

October 2022 – December 2022

- Designed and implemented an enhanced version of the classic game Asteroids.
- Implemented rendering at first autonomously by writing a simple image library; switched over to the SDL2 rendering library for improved cross-compatibility.
- Upon evaluation, the project was deemed the year's best by the course instructor.

### Student Record Management System | C++, C, Visual Studio

October 2023 – December 2023

- Took on leadership of a 5-person team in the frame of a software engineering methodology class.
- Used Scrum methodology extensively throughout the project to maintain team cohesion.
- Designed and implemented over 90% of the backend, including a complete SQLite database.
- During User Acceptance Tests, received a grade of 198/200 for my part of the project.

## Experience

### Hôpitaux Nord-Ouest

June 2023 – August 2023

Information Systems Technician

Gleizé, France

- Helped maintain and improve the information systems infrastructure of over 10 hospitals, managed by the Hôpitaux Nord Ouest.
- Worked as part of a team to solve issues of different scales, from helping individual users to solving system-wide failures.
- Assisted users of the system autonomously, conducting troubleshooting and finding solutions. Used Claroline Connect to catalog issues.

## Technical Skills

**Languages:** C++, Python, C, Java, JavaScript, Node.js, HTML/CSS, SQL, Prolog, Ocaml

**Developer Tools:** VS Code, Eclipse, WSL, Vim, HTTP, TCP/IP

**Technologies/Frameworks:** Linux, Git, GitHub, Collaborative Coding, Scrum, Full-stack Development

## Soft Skills

**Languages:** English (Native), French (Native), German (Working Proficiency), Spanish (Limited Working Proficiency)

**Communication:** Leadership, Proactive team-worker, Strong interpersonal skills

**Others:** Resourcefulness, Problem solving, Persistence

## Extracurricular

### Voluntary Work :

- Assisted in deploying temporary infrastructure for HIV screening among vulnerable populations. (2021)
- Lead an effort to provide food and water to the shelterless individuals of Corvallis amidst winter. (2023)

**Awards:** Selected for a year of study in the U.S. with scholarship, one of ten recipients (2022).

**Others:** Level 2 FFESSM Scuba Diving, Chess at competitive level, Hiking, Mountain Biking, Skiing. Audiophile; strong interest in philosophy, literature and languages. Often commissioned for image editing.