JOEY DAVID

Computer Science Undergraduate

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Background

As a proactive and high-achieving exchange student, I am seeking opportunities in software engineering. 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

B.S., Computer Science   **Sep. 2021 – April 2024**
Oregon State University / Université Claude Bernard   *GPA: 4.0 – Lyon, France / Corvallis, OR*

French Preparatory Classes   **Sep. 2020 – June 2022**
La Martinière Monplaisir - Mathematics and Physics.   *GPA: N/A. Lyon, France*

OIB Scientific American Baccalaureate   **Sep. 2017 – June 2020**
Cité Scolaire Internationale de Lyon (High School)   *Lyon, France*

Relevant Coursework

- Artificial Intelligence
- Automated Testing
- Algorithms Analysis
- Scrum Methodology
- Data Structures
- Software Methodology
- Database Management
- Operating Systems

Experience

Software Engineer Intern | *Sopra Steria*   **April 2024 - July 2024**

- I have been offered a position as a software engineer intern at Sopra Steria, one of the leading digital consulting companies in Europe. I will be working on a TBD project using Java.

Information Systems Technician | *Hôpitaux Nord Ouest*   **June 2023 - August 2023**

- Helped maintain and improve the information systems infrastructure of over 10 hospitals, managed by the Hôpitaux Nord Ouest.
- Assisted users of the system both autonomously and in a team setting, conducting troubleshooting and finding solutions.

Projects

Staresiod | *C++, SDL2*   **Oct. 2022 – Dec. 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*   **Oct. 2023 – Dec. 2023**

- Took on leadership of a 5-person team as part of a SWE class. Used SCRUM methodology extensively.
- 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.

Skills

Languages: C++, Python, C, Java, JavaScript, Node.js, HTML/CSS, SQL, Prolog, Ocaml
Developer Tools: Linux, Git, GitHub, VS Code, Eclipse, WSL, Vim, HTTP, TCP/IP
Technologies/Frameworks: Objected Oriented Programming, 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)
- Led 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, Moutain Biking, Skiing. Audiophile; strong interest in philosophy, literature and languages. Often commissioned for image editing.