Zachary Bournand

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EDUCATION

UNIVERSITY OF FLORIDA | FL, United States
B.S. IN COMPUTER SCIENCE

August 2021 – May 2024

• Minor in Communication Studies

Cum. GPA: 3.2

O'CLOCK CODING BOOTCAMP | Paris, France
IMMERSIVE FULL STACK JAVASCRIPT PROGRAM

November 2020 – May 2021

• Specialized for a month in back-end development of APIs and data handling

ST PETERSBURG COLLEGE | FL, United States
A.A. IN COMPUTER SCIENCE

August 2019 – August 2020

• Graduated with "Summa Cum Laude" |

Cum. GPA: 3.94

SANTA FE COLLEGE | FL, United States
August 2018 – August 2019

• Part of the Honors Program

• Game & Mobile App development club

LYCEE SAINT-ASPAIS | Melun, France
September 2015 – June 2017

• Educated K-11 in the Paris region

SKILLS

TECHNICAL SKILLS

🔶 HTML	🔷 CSS	JS JavaScript
node Node.js	🐘 PostgreSQL	🐍 Python
php PHP	Symfony	C++
🐧 Linux	Git	

SOFT SKILLS

• Bilingual: English, French

• Oral & Written Communication

• Teamwork

• Problem-solving

EXPERIENCE

EYROLLES | SOFTWARE ENGINEER INTERN
INTERNSHIP | Paris, France

June 2021 – August 2021

• Built a Symfony application to search among thousands of publications, write reviews (called "coups de coeur"), and print them in banner format

• Developed Twig templates enhanced by a responsive design using CSS & Bootstrap framework

• Integrated PHP object-oriented design principles

• Designed a highly intuitive application to optimize the ease and speed of writing and printing reviews

WASTE PREVENTION OF MEDICAL PRODUCTS | LEAD BACK-END DEVELOPER
PROJECT: O'MÉDOCS (TEAM OF 4)

April 2021 – May 2021

• Built and deployed an e-commerce website for medical professionals to buy and sell medicines that expire in a few months (otherwise thrown away)

• Reduces the annual waste of $1.1 billion worth of medical products in France and helps hospitals cure more patients

• Created a RESTful API using Node.js/Express.js that only communicates (via CORS) with the front-end client built by the team in React/Redux

• Implemented JWT token-based authentication

• Performed SQL data migrations in PostgreSQL

• Led daily Scrum meetings

MOVIE SEARCH ENGINE
TEAM OF 2

November 2022 – December 2022

• Built a movie search engine in C++ that enables users to search through a catalog of over 4,850 movies and a combined 100,000+ ratings on all movies in the catalog

• Collaborated with my team member to offer multiple data structure options to run the movie search engine

• Implemented 2 linked list classes, each associated with its own node class, that provide a combined 12 search filter options

• Performed file streams to integrate the datasets within the program