Zachary Bournand

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EDUCATION

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

August 2021 – December 2024

• Minor in Communication Studies

Cum. GPA: 3.32/4.0

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: 3.94/4.0

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	JavaScript
Angular	Node.js	Express.js
Go (Golang)	PHP	Symfony
Python	C++	Git
PostgreSQL	MySQL	Linux

SOFT SKILLS

• Bilingual: English, French (Dual U.S.-French citizenship)

• Oral & Written Communication

• Teamwork

• Problem-solving

WORK 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

PROJECTS

RESTAURANT FINDER WEB APPLICATION
PROJECT: CRAVE FINDER (TEAM OF 4)

January 2023 – July 2023

• Built and deployed a restaurant finder web app that allows users to search for a restaurant in a given city and rate dishes

• Applied Scrum framework & managed tasks via GitHub issues

• Implemented session-based user management & developed data storage and retrieval features with JSON responses in Go

• Created back-end unit tests and documented the Go API

• Integrated the Yelp Fusion API to retrieve restaurant data

• Implemented and hosted a MySQL database on Oracle Cloud

• Developed Angular components that make HTTP requests, used Angular Material for UI & routing for seamless navigation

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)

• Aimed to reduce the $1.1 billion annual waste of medical products in France and cure more patients

• Created a RESTful API with Node.js/Express using CORS to communicate with the React/Redux front-end client

• Implemented JWT token-based authentication

• Performed SQL data migrations in PostgreSQL

• Led daily Scrum meetings