

# 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: 3.33/4.0

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