

# ALAN BOULESTEIX

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## EDUCATION

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### 42 Paris School

November 2024

*Bachelor Degree: Designer and developer of IT solutions*

## EXPERIENCES

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### INTERNSHIP FULL STACK DEVELOPER

LEGAL PLACE PRO / JUNE-DECEMBER 2024

- Build, style and ship all kind of feature for a banking/accounting application. Provide a proof of concept for one of our partner's API.
- Participate to feature conception and code conception.
- Maintain and fix web and mobile application.

### BACK OFFICE AGENT

SOCIÉTÉ GÉNÉRALE / NOVEMBER-JULY 2022

- Management of multi-currency exchanges on behalf of institutional clients respecting the cut-offs linked to the devices.
- Making contact with customers, counterparties to ensure the right outcome of operations.
- Improvement of procedures and creation of Excel macros to streamline the activity.

### PRODUCTION AND SALES SUPPORT ASSISTANT

BNP PARIBAS / JANUARY-AUGUST 2020

- Guarantee the quality of services by respecting the procedures and deadlines. Processing requests related to e-commerce contracts.

## PROJECTS

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### OVERRIDE

This project aims to further your knowledge in the world of elf-like binary exploitation in i386 system. The goal of this project is to progress through the levels by identifying vulnerabilities in the provided executables and exploiting these weaknesses to retrieve the "flags" hidden in each level.

### FT\_TRANSCENDANCE

This project is a website that allows you to play the game of pong against another player. It contains a chat, a ranking, and a friends system. The goal of this project is to create a website by learning new language. We chose to use VueJS for the front-end, NestJS for the back-end, PostgreSQL for our database, TypeOrm as orm and Typescript. I was in charge of chat, so I had to learn and use websockets.

### MINISHELL\_42

Minishell is a simple Unix shell implemented in C, designed as a project for 42 school. It provides basic shell functionalities similar to bash, including command execution, path handling, environment variable management, and built-in functions.

## SKILLS

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**Programming Languages:** Typescript, HTML, CSS, SQL, GraphQL, C, C++, Assembly, Python

**Libraries & Frameworks:** React, Vue.js, Node.js, Nest.js, TypeORM

**Tools & Platforms:** ClickUp, AWS, Vercel, Git, Github, GitLab