

ALAN BOULESTEIX

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EDUCATION

42 Paris School

NOVEMBER 2024

Bachelor Degree: Designer and developer of IT solutions

EXPERIENCES

FULL STACK DEVELOPER (internship)

JUNE-DECEMBER 2024

LegalPlace Pro - Paris

- Contributed to the development of a banking and accounting application aimed at simplifying financial management for entrepreneurs. My responsibilities included designing, building, and deploying various features, as well as maintaining and troubleshooting both web and mobile applications.
- Delivered a proof of concept for the integration of a strategic partner's API.
- Additionally, actively participated in feature brainstorming and code architecture design to ensure scalable and maintainable solutions.

BACK OFFICE AGENT

NOVEMBER-JULY 2022

Société Générale - Paris

- 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

JANUARY-AUGUST 2020

BNP Paribas - Paris

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

PROJECTS

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

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

Languages: French, English