Raphaël WEIS *Software engineering student*

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Professional experience

Orange   ORANGE INNOVATION CAEN
Software engineering intern   *July 2023 – December 2024*

Sofware ingineering intern at Orange Innovation, on the Caen site, integrated to an exploration project on innovative payment methods. I have participated to the development of the backend (Go) and the frontend (Flutter) of an application that allows it's users to initiate instant wire transfer payments by scanning a QR Code displayed by the application. Making use of the new European Directive for Payment Services (DPS2), this project is part of a larger trend set by Orange to integrate in innovative approaches surrounding the new dynamics regarding online payments in Europe.

Mercateam   JUNIOR ENTREPRISE UTT MISSION - REMOTE WORK
Assistance with the integration of customer data on the Mercateam software   *February 2023*

Processing and uploading of client data to prepare for first use of the mercateam software.

Renault Trucks   CENTRAL DISTRIBUTION CENTER OF LYON
Industrial and logistics engineering intern   *April 2022 – July 2022*

study of a brake pad removal workstation: Statistical analysis of the problem, ergonomic rating of the workstation, study and proposal of solutions, close collaboration with operator and management teams.

Development of a stock visualization application in Excel, using VBA.

- Empack logistique   SAINT-PRIEST LOGISTICS FACILITY
Packaging operator   *July 2021 – August 2021*

Packaging of spare parts for industrial vehicles before putting them into stock

Education

University of technology of Troyes   TROYES, FRANCE
Engineering diploma – Computing and information systems   *2022 – (2025)*

Information systems design, procedural and object-oriented programming, embedded systems programming, information systems security, agile software project management, human-machine interface design, cloud architectures and virtualization.

Université Lyon 1 – IUT Gratte-Ciel   VILLEURBANNE, FRANCE
Technical University Diploma – Mechanical and production engineering   *2020 – 2022*

Mechanical design, structural design, production optimization and management, computer-aided design and manufacturing (CAD, CAM), industrial automation, methods and logistics, industrial manufacturing processes, electronics.

La Martinière Monplaisir high school   LYON, FRANCE
Baccalaureate – Scientific   *2020*

Skills

Technical: Software design and implementation, as part of a team of developers. I have a good understanding of procedural and object-oriented programming concepts. I have worked extensively with C, Java et Go, and am particularly proficient with Dart and JavaScript. I've worked with the Flutter and React frameworks (Frontend) and Gin (Backend). I have basic Linux system administration skills, and am familiar with Docker, OpenShift and GNU CoreUtils. I know how to version control projects with Git, and have worked extensively with GitLab and GitHub.

Natural languages: French (*native*), English (*Complete professional proficience – C1*)

Interests

Linux and open-source development. Speedcubing, or competitive solving of Rubik's Cube puzzles (Personal best: 6.43 seconds). Basketball, Formula 1, running and, more broadly, sports.