

VALENTIN RUDLOFF

RELEASE SW MANAGER

PROFILE

Believes in the realization of ideas whose essence is devotion.

Graduated from ESTACA (School of Transport Engineering and specialized in Embedded Systems) since 2017, entrepreneur and self-taught programmer.

With the experience acquired in project management through personal projects (Aeromodelling, Mobile Development) and professional projects (Project Management of functionalities in the Autonomous Vehicle), I devote myself to proving that everything is possible. In constant search of challenges to be taken up, I am pragmatic and rigorous

LATEST WORK EXPERIENCE

Find out more on LinkedIn

Release Software Manager Autonomous Vehicle - NAVYA - Paris

September 2020 – Today

My need to follow rigorous processes that are already well established in the development cycle, my background in development and my desire to have a global vision of Navya's activities led me to choose the role of Release Process.

The release management role at Navya includes the following activities and responsibilities:

- Implementation of release processes, culture and DevOps best practices.
- Monitoring of compliance with release processes
- Planning of the setup release cycle (taking into account the Hardware/Middleware/Software aspect of internal/external products and taking into account the means of validation)
- Expertise and knowledge of the global product and its dependencies
- Guarantor of the software integration and its integrity in relation to external products
- CI/CD configuration and management
- Responsible for software delivery to Q&A team
- Monitoring of bugs / participation in analysis / reporting of problems to the Safety team and to the CTO and managers
- Guarantor of the respect of the release note of the setup
- Restitution, popularization of the setup evolutions with the Customer Service.
- Writing the installation guide and the final deliverables of the setup

Technical Project Manager R&D Véhicule Autonome - NAVYA - Paris

February 2020 – September 2020 (8 month)

Because of the expertise I acquired during my first two years at Navya, I am fortunate to be able to devote myself 100% to a promising project, the Autonomous Tract. The Autonom Tract project was born from the collaboration of two companies, Navya and Charlotte from the Fayat group.

My role as Technical Project Manager consists in

- planning the tasks related to the project in an Agile environment;
- controlling and analyzing project risks;
- providing technical support to the two R&D centers Navya-Charlotte;
- bringing discussions between the two R&D centers Navya-Charlotte;
- organizing project committees challenging the design of the machine.

This project allows me to acquire more practical knowledge of project management while remaining as close as possible to the technique and providing support in the field.



INFORMATIONS

Cergy,

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SKILLS

Technical project management

Industrial knowledge

Programming (C++, Python)

Agile teamwork

SOFTWARES

Visual Studio

RTMaps

CodeBeamer

Catia

Solidworks

Office (Visual Basic)

LANGUAGES

French – Native

English – Professional

German – Semi-professional

HOBBIES

Hiking (GR20 done)

Swimming

Running

AeroModel

R&D Engineer Autonomous Vehicle - NAVYA - Paris

October 2017 – February 2020 (2 years 3 month)

Within a team managed by the Scrum method, I have taken on responsibilities that range from the implementation of a Continuous Integration environment to project management, including embedded C++ software development and the integration of these software components into the RTMaps environment. I am in charge of conducting R&D studies on trajectory planning and monitoring for autonomous robots.

Skills developed

- Teamwork (Agile Method: Scrum)
- Project management
- Real-time C++ Robotics development
- Implementation of continuous integration (CI)
- Study on the generation of speed profiles / trajectory generation / obstacle avoidance / trajectory tracking
- Development of RTMaps components and diagrams (ADAS software)
- Physical / kinematic / dynamic study

Software & Hardware Integration Engineer Internship - SNCF Réseau pôle Drone - Paris

February 2017 – July 2017 (6 month)

Software and Hardware Integration Manager on Robot, Drone, Multicopter.

During my internship at SNCF Réseau for the 5th year of engineering school, I integrated an industrial sensor on a multi-copter drone by conducting a study on the construction, installation and integration of a gyrostabilized nacelle that aims to be adaptable on several drones.

Skills developed

- ROS C++ development on embedded Linux
- TCP/IP server via Wi-Fi to control the embedded system via an HMI (Python, JavaScript)

3D modelling and printing of gyrostabilized nacelle prototypes