

Alexandre ALLONAS

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Objectif

I am looking for an **end of studies internship** as part of my **mechatronics engineering** program, starting in **February 2025**, for a duration of **six months**. I wish to work in the field of **robotics** and apply my skills in automation, mechanics, and simulation.

Education

2026 2025	MSc PAIP , Specialty: Advanced Numerical Mechanics Applied Physics and Engineering Physics, University of Strasbourg	
2026 2023	Engineering Degree (MSc) , Specialty: Mechatronics at INSA Strasbourg . Institut National des Sciences Appliquées	
2023 2021	Integrated Preparatory Classes at ENSISA , Mulhouse École National Supérieur des Ingénieurs de Sud Alsace	

Internships and Abilities

2025 9 Weeks	Automaticien Design and production of a cocktail machine within a company developing industrial automation systems : - Specifications definition ; - Choice of industrial system components according to the specifications ; - Plan creation ; - PLC programming with CODESYS and TIA Portal using IEC61131-3 languages; - Programming and design of the user interface .	Actemium Switzerland AG, ARLESHEIM.
2021 8+3 Weeks	Electrician Within a company installing industrial electrical systems: - Laying of electrical cables according to plans and specifications ; - Assembly of electrical junction boxes following the provided plans ; - Preparation of infrastructure for cable tray installation ; - Installation and connection of pneumatic lines .	ETAVIS K+S AG, BASEL.

Languages

French : Native

English : Bilingual (C1)

German : Professional Proficiency (B2)