

Adam Blalate

adam.blalate@ens-paris-saclay.fr | +33 7 81 89 54 22

12 Mail Pierre Potier, 91190 Gif-sur-Yvette, France

EDUCATION

Sept - Present	X-HEC Master Projet Innovation Conception (PIC)	Palaiseau, France
2025	MSc in Innovation Management : #1 Master by Eduniversal 2025 <ul style="list-style-type: none">Final year to complete Ecole Normale Supérieure Paris-Saclay diplomaEconomic Management of innovation, Project Management, Organizational Dynamics	
2024 - 2025	CentraleSupélec MSc in Design and System Sciences : #2 French Engineering School by l'Usine Nouvelle 2025 <ul style="list-style-type: none">2nd year Master's to complete Ecole Normale Supérieure Paris-Saclay diplomaFocus on Innovation Management, Sustainability, Radical Innovation, Digital Challenge	Gif-sur-Yvette, France
2022 - 2026	Ecole Normale Supérieure Paris Saclay MSc in Mechanical Engineering : Top research school in Paris Saclay University #1 European University by Shanghai Ranking 2024 <ul style="list-style-type: none">Admitted 5th in national French examFocus on Advanced Mathematics, Numerical Analysis, Production Management, Numerical modeling	Gif-sur-Yvette, France
2020 - 2022	Institut Universitaire de Technologie BSc in Mechanical Engineering (ranked 5th of the cohort) <ul style="list-style-type: none">Focus on Automation, Mechanics, Production Management, Materials science	Cachan, France

PROFESSIONNAL EXPERIENCES

Sept - present	ALSTOM, Digital Train Program, Apprentice	Paris, France
2025	<ul style="list-style-type: none">Market analysis of the Digital Railway sector (size, growth, key drivers) and updated the competitive section of the Program Review Board.Supported the deployment of the EU Data Act and identification of concrete application cases (e.g., industrial data recovery and sharing)	
April - August 2025	Osaka Metropolitan University, Department of Core Informatics.	Osaka, Japan
	<ul style="list-style-type: none">Conducted a research-driven internship on Supervisory Control of Discrete-Event Systems using Machine Learning techniques.Extended prior research using Transformer-based architecture for event prediction and controllability classification.Modeled complex industrial systems and implemented supervisory control logic	
April - August 2024	Polytechnique Montréal, Mechanical Engineering Department.	Montréal, Canada
	Research Intern <ul style="list-style-type: none">Studied the impact of DED printing parameters on machining performance.Performed experimental tests to analyze surface quality and cutting forces.Optimized deposition parameters for improved machining outcomes.	
March - June 2022	IJCLab, CNRS (Centre National de la Recherche Scientifique) Engineering Intern (Mechanical Department) <ul style="list-style-type: none">CAD integration / Sizing and calculations / Servitude modeling / Alignment and assembly	Orsay, France

EXTRACURRICULAR ACTIVITIES

Sept - present	Ecole Normale Supérieure Paris Saclay Football team captain <ul style="list-style-type: none">Management and organization of the team during matches and training sessions
Sept - June 2021 - 2022	AERODYNE (Aerospace association focused on the construction of multiple aircraft) Active member <ul style="list-style-type: none">Participated in design and construction of a Super Emeraude CP310 plane

SKILLS, INTERESTS & OTHER INFORMATION

Languages	French (native), English (Proficient), Arabic (fluent)
IT skills	Python, Matlab, Excel, CAD, Data Modeling and Visualisation
Interests	Football (10 years of practice), Karate (Blue belt with 5 years of practice with French Federation)
International Experience	Travelled to Canada, USA, Morocco, Greece, Norway, Sweden, etc..