



Georgios-Stylianos Christodoulakis

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● EDUCATION AND TRAINING

15/09/2026 – 01/07/2027 Leuven, Belgium

MSC OF ELECTROMECHANICAL ENGINEERING TECHNOLOGY | OPTION: ADVANCED ROBOTICS (UPCOMING) KU Leuven

01/09/2023 – CURRENT Leuven, Belgium

BSC OF ENGINEERING TECHNOLOGY (ELECTROMECHANICAL ENGINEERING) KU Leuven

01/09/2019 – 01/07/2023 Woluwe-St-Pierre, Belgium

3RD-6TH SECONDARY | OPTION: SCIENCES-FORTES Athénée Royal Crommelynck

● SKILLS

Microsoft Word | Microsoft Powerpoint | Microsoft Excel

Programming skills

Python (computer programming) | Java (computer programming)

Practical skills

MATLAB | NX/MCD | CAD-Modelling | PLC - TIA Portal | Finite Element and Finite Volume Analysis Method

Language skills

Greek (Native speaker) | English C2 | Dutch A2 | French C2

Soft skills

Highly curious and perceptive | Critical Analysis and Problem Solving | Fast learner | Social skills (Adaptable and flexible; sociable; teamwork; high work ethic)

● PROJECTS

20/09/2025 – 26/05/2026

Design of an Automated HERAS Gate Assembly Machine

Developed a proof-of-concept machine to automate the assembly of a front gate for Heras. Covered the full design cycle: concept selection, CAD design and technical drawings, manufacturing plan, safety, SEE diagrams, structural improvement through FEA, and a digital twin built to answer a defined research question. Findings documented in a scientific report.

Tools: Siemens NX, NX MCD, NX FEM, TIA PORTAL, PLCSIM advanced

07/02/2026 – 26/05/2026

Paper airplane folding machine

Designed and built a machine that folds a flat sheet of paper into a paper airplane. Mechanism designed in CAD and manufactured in laser-cut MDF.

Rube Goldberg machine

Built a chain-reaction machine transporting a ball across a box through four sections combining mechanical, chemical and electronic actuation, plus a bridge transferring the ball to the neighbouring team's box.