Richard **Coll Josifov**

ELECTRONICS ENGINEERING STUDENT

Barcelona,Spain

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About me

- Languages: Catalan, Spanish, level C1 English
- Programming Languages: C++, Java, Python, Matlab, VHDL

Work Experience

Tavil IND, SAU   *Spain*

COMMISSIONING DEPARTMENT INTERN   *Aug. 2020*

- Commissioning of industrial robotic systems programming Kuka Robots
- Regression Analysis to adapt the industrial line to multiple products.
- Computer Vision systems calibration.

Tavil IND, SAU   *Spain*

RESEARCH AND DEVELOPMENT INTERN   *Aug. 2019*

- Worked programming in structured text a PLC to control a bicycle simulato.
- Programmed industrial robots in Automation Studio with the help of computer simulations.

Honors & Awards

2018	**Winner**, VII Jordi Pujiula Prize for Research Projects	*Olot, Spain*
2018	**Distinction**, University Access Exams, for a mark of 96%	*Barcelona, Spain*
2015	**Silver Prize**, Robotics Championship Robolot, Minisumo Lego	*Olot, Spain*
2014	**Silver Prize**, Catalonia Teams Chess Championship	*La Pineda, Spain*
2012	**Bronze Prize**, Catalonia Teams Chess Championship	*La Pineda, Spain*
2011	**Bronze Prize**, Catalonia Teams Chess Championship	*La Pineda, Spain*

Education

Polytechnic University of Catalonia, BarcelonaTech   *Barcelona, Spain*

B.S. IN AUTOMATIC CONTROL AND ELECTRONICS ENGINEERING   *2018 - 2022*

- Average mark: 9,15 with honours
- Got a Tavil Scholarship which is given to promising students in Engineering

Skills

Robotics Monitor   *Olot, Spain*

BOSC DE LA COMA HIGH SCHOOL   *Sept. 2016 - Jun. 2018*

- Taught high school students the basics of robotics with Lego robots and 3D design and 3D printing.

Introduction to Computer Science and Programming Using Python

EDX   *2016*

- Took a MOOC on programming and computer science that taught me the basics of computing through Python

Introduction to Computational Thinking and Data Science

EDX   *2017*

- Took a MOOC on data science and computer science that taught me the basics of computational problem solving through Python