



## Vítor Samuel Pinto Babo

📍 Rua Central de Nogueira, Mancelos, Amarante

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### WORK EXPERIENCE

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2016 – 2020

#### Collaborator

Pronto a Vestir - A&V, Amarante

- Customer service, inventory catalog, invoicing

2021/07 – 2022/07

#### Summer Internship & Part-time

Ambiágua, S.A.

- Electromechanical Department
- Electrical projects, automation and instrumentation systems
- Commercial management, quotations, and equipment selection

2022/03 – 2022/06

#### Dissertation Internship

CES, Continental Engineering Services Portugal

- Cross-Technology Team - Industry 4.0
- Introduction to the *CSMI* Standard
- Development of a production line simulator in Unity
- Integration with the *MDX* Framework

### EDUCATION

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2015/09 – 2017/07

#### Scientific Humanistic Course of Science and Technology

Externato de Vila Meã, Amarante

2017/09 – 2020/07

#### BSc in Electrical and Computer Engineering

Faculty of Engineering, University of Porto

2020/09 – 2022/07

#### MSc in Electrical and Computer Engineering

Faculty of Engineering, University of Porto

- Automation Branch

### SKILLS

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**Languages** Portuguese and English

**Engineering** Programming Languages: C, C Sharp, Java, SQL  
PLC Programming: LD, SFC, ST, FBD  
Software Tools: Visual Studio, Git, Unity Engine, AutoCAD, EPLAN, Matlab

**Other** MS Office, LaTeX, Web Development

### ADDITIONAL

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**Professional Interests** Industrial Automation, Industry 4.0, IoT, Software Design, Machine Learning, Robotics

**Hobbies** Running, Cycling, Gaming, Padel

**Driving License** Category B