



# MAXIMILIANO ESCOBAR VIEGAS

## ABOUT ME

I like crafting and getting things done. I gravitate towards challenges that help me learn and develop new skills. I love exploring the world around me through travelling and meeting new people, and being creative, whether it is through digital solutions to people's needs or making music.

## CONTACT



[Personal website](#)



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München, Deutschland

## WORKING EXPERIENCE

### WORKING STUDENT

**Siemens AG**, November 2023 - present

- Development and deployment of telemetry software to track performance of industrial cameras.
- Integration of neuronal network algorithms to make object detection.
- Support in the configuration of computer networks for prototype testing.

### AUTOMATION CONSULTANT

**Practia Global**, December 2020 - December 2023

- Design, development and cloud deployment of robotic process automation software for retail companies.
- Data collection for visualization and monitoring of the business's performance via interactive dashboards.
- Constant interaction with clients to iterate solutions and showcase results.

### RPA CONSULTANT

**Sisua Digital**, October 2018 - November 2020

- Design and development of robotic automation software for energy generation companies.
- Design and implementation of linear optimization algorithms for shift scheduling in astronomical observatories.
- Constant interaction with clients to iterate solutions and showcase results.

### QUALITY ASSURANCE INTERN

**Sonda**, November 2017 - February 2018

- Verify the correct execution of the features programmed in contactless cards used for the payment system of the public transport of Santiago de Chile.



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## LANGUAGE SKILLS

**Spanish** : Native

**English** : C1

**German** : B2

## DIGITAL SKILLS

### Experience coding in:

- Python
- Java
- C# (.NET)
- Rust
- Javascript
- SQL
- HTML/CSS

### Experience using:

- Docker containers
- Linux CLI
- Git repositories
- APIs
- CI/CD pipelines
- Azure/AWS
- Open Telemetry
- YOLO/ONNX
- D3.js
- PowerBI
- R Studio
- Scrum

## EDUCATION

### M. SC. MANAGEMENT AND TECHNOLOGY

*Technische Universität München, October 2023 - July 2025*

**Fields of study:** Energy Markets, Computer Engineering.

**Topics of interest:**

- Financial assessment of investment projects for photovoltaic plant for green hydrogen production.
- Development of web services to estimate solar irradiance and capacity factor of solar plants based on geographical location.

### B. SC. INDUSTRIAL ENGINEERING

*Universidad de Chile, March 2014 - December 2020*

**Fields of study:** Information Technology.

**Topics of interest:**

- Business model design for IT companies offering Software as a Service solutions.
- Extraction, transformation and loading of data for linear programming optimization and data visualization

## OTHER EXPERIENCES

### PROJECT LEADER

*Universidad de Chile, February 2015 - December 2017*

**Relevant achievements:**

- Development and release of mobile application for reporting incidents within the area of the university campus.
- First place in Sonda's "Safe City Challenge". ([Press article](#)).
- Attendee of entrepreneurial workshops at the Singularity University in Silicon Valley.

### ERASMUS STUDENT

*Universitat Politècnica València, January 2016 - June 2016*

**Relevant achievements:**

- Learning how to use Android Studio to develop mobile apps.