



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.



MAXIMILIANO ESCOBAR VIEGAS

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 and deploy mobile apps.