

# Juan Manuel Alonso

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EU Citizenship (Italy)

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## EDUCATION

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### Fachhochschule Technikum Wien, Austria

2019-2020

*Master's degree, Master of Science in Software Engineering*

*Grade: 1 (Excellent), Passed with Distinction*

### Instituto Tecnológico de Buenos Aires, Argentina

2014-2020

*Bachelor of Science in Engineering's degree, Software Engineering*

## WORK EXPERIENCE

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### MercadoLibre (*largest e-commerce and payments ecosystem in Latin America*)

Buenos Aires, Argentina

#### *Senior Software Engineer*

February 2023 - present

- Worked with distributed teams that deployed hundreds of A/B experiments and flags for millions of users
- Lead efforts in developing tools that gave teams observability and governance over their feature flags
- Played a key role in building SDKs (Android, iOS) for the migration of the company's feature flag solution
- Mentored colleagues with peer programming, PR reviews and system design RFCs; conducted interviews
- Proposed and implemented the use of a task-planning tool for the entire area (20+ members)

#### *Semi Senior Software Engineer*

August 2021 - February 2023

- Developed A/B testing platform that enhances app experience with more than 4 billion daily navigation chains
- Helped dozens of internal teams to run experiments and feature flags for their apps, front-ends and algorithms
- Implemented features in multiple SDKs (Java, Node.js, Go, iOS, Android)

### Xencio (*financial intelligence startup*)

Vienna, Austria

#### *Fullstack Software Engineer*

July 2020 - July 2021

- Developed a personal finance site for global users to organize their invoices, bank accounts and clients.
- Built core features and improved the reliability of systems that helped increase users by 5x
- Angular, Node.js, Java, MongoDB, AWS, Jenkins, Trello, GitLab

### Wolox (*software factory*)

Buenos Aires, Argentina

#### *Backend Engineer*

September 2018 - April 2019

- OOP designed and developed an educational platform in .NET Core for schools in Spain and Latin America
- Responsible for PostgreSQL management, AWS & Docker deployment, GitHub Pull Requests reviewing
- Delivered team-minded features continuously with Scrum

## MAJOR PROJECTS

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### Master Thesis

September 2019 – June 2020

#### *Causal Inference Analysis with Neural Networks in Python*

- Built a framework that analyzes the effect of balanced representation learning for neural networks via three approaches: a convolutional neural network, a balanced neural network and Variational Bayes/Inference
- Validated improvements in accuracy when enforcing networks to learn balanced representations

## ABOUT & SKILLS

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I am a hardworking team player, in new and legacy technologies. I like to learn about finance and markets.

Java, Node.js, Angular, iOS, Python, Git, SQL, AWS

English (Fluent), Spanish (Native), German (Basic)

I actively perfect my Java skills, study for DevOps certifications and learn iOS. I enjoy reading about system design in software.

Certifications: - AWS Solutions Architect  
- International Baccalaureate Diploma  
- Angular: The Complete Guide (Udemy)