

Juan Manuel Alonso

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EU Citizenship (Italy)

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EDUCATION

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

MercadoLibre (*largest e-commerce and payments ecosystem in Latin America*) Buenos Aires, Argentina

Semi Senior Software Development Analyst August 2021 - present

- Developed an A/B tests platform that enhances app experience with more than 4 billion daily navigation chains
- Allowed internal teams to run A/B experiments for their apps, front-ends and algorithms
- Implemented features in multiple SDKs (Angular, iOS, Python, Java)

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

Jimi (Java web application) March 2018 – February 2019

A restaurant table management web application in Java built under Scrum iterations and deployed to a web server

- Built a Domain Driven Design architecture, with dependency injection via Spring Web MVC and unit testing
- 1st iteration: views in JSP files, persistence with JDBC, construction with Maven, data storage in PostgreSQL
- 2nd iteration: replaced JDBC persistence with Hibernate
- Final hand-in: developed a REST API with Jersey that serves a single page application in ReactJS

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

I am a hardworking team player, and I am passionate for new technologies. I enjoy working on crypto projects of my own and learning about finance and markets.

I actively perfect my Java skills, study for DevOps certifications (currently AWS CDA) and learn Swift.

Java, Angular, .NET Core, Node.js, Python, Git, SQL, AWS
English (Fluent), Spanish (Native), German (Basic)

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