

Alejandro SUÁREZ

Engineer and software developer

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 Buenos Aires, Argentina.

Engineer and software developer with experience and interest in a wide variety of areas such as full-stack web development, machine learning, mobile development, digital signal processing, and just tinkering with computers in general.

PROFESSIONAL EXPERIENCE

Present August 2021	Software Engineer, SANTANDER TECNOLOGÍA ARGENTINA S.A. <ul style="list-style-type: none">➤ Help develop and design microservices-based solutions for enterprise customers.➤ Participate directly in interdisciplinary meetings to analyse and refine projects and initiatives.
August 2021 June 2020	Developer/Senior Developer, SOUTHWORKS S.R.L. <ul style="list-style-type: none">➤ Perform work in different projects across many technologies and architectures, including serverless, cloud-based applications, traditional frontend and backend web development, mobile development (both native and hybrid), and blockchain development (Solidity).➤ Estimate and implement any task for the iteration backlog in any given project.➤ Understand project context and make decisions regarding solution architecture.➤ Perform code reviews and give feedback taking into account best practices.
May 2020 February 2019	Full-Stack Developer, ZAREGO S.A.S. <ul style="list-style-type: none">➤ Development and support for web pages and applications, using front and backend technologies, implementing best practices in software development.➤ Client consulting.

PERSONAL PROJECTS

CHROMAGRAM EXTRACTION USING NEURAL NETWORKS FOR AUTOMATIC CHORD ESTIMATION TASKS

 <https://alesua93.github.io/thesis.pdf> (spanish)

A neural network was trained using artificially generated data for the purpose of extracting chromagrams (time vs. musical note matrices) from music audio signals, and an Automatic Chord Estimation system was built around it. Thesis opting for Engineering degree.

CERTIFICATIONS

AWS CERTIFIED DEVELOPER - ASSOCIATE 2020

 <https://www.credly.com/badges/8a80c093-25f6-418b-9003-c8c8c7cec6c3>

AWS CERTIFIED MACHINE LEARNING - SPECIALTY 2020

 <https://www.credly.com/badges/75484c3f-e340-4cb9-a0a8-3ce04aeb9926>

TECH STACK

Languages	Javascript, Typescript, Python
Frameworks	React.js, Express.js, Fastify
Databases	MySQL, PostgreSQL, CosmosDB
Cloud technologies	Amazon Web Services, Microsoft Azure
Misc	Docker

LANGUAGES

- Spanish (native)
- Advanced english (oral and written) - B2 First Certificate Exam, passed with a score of 91/100.

ACADEMIC FORMATION

2012 - 2021 Engineer - Sound Engineering - National University of Tres de Febrero (UNTREF)