Sebastian Aranda Sanchez

Personal information

PLACE AND DATE OF BIRTH:	Santiago, Chile — 29 of October 1992
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Work Experience

2013-Now — **Freelance**

I've developed a lot of websites (frontend and backend) for small business who wanted to boost their business. I've participated in the design, implementation and management of these systems.

2013-Actualidad — **Project Coordinator at ESCUELAS RECREAR**, *Chile*

Co-founder and coordinator of the *Taller Arte de Magia* educational project, focused on groups of immigrant children, first cycle in schools with high vulnerability rates.

Recommendations: Pablo Ortiz, president of the corporation, email: pablo@escuelasrecrear.cl

2017 — **Research Assistant at CHiVO**

I developed an algorithm that process astronomy observations and detects chemical emissions on ALMA data cubes using a natural language processing machine learning algorithm. Also I collaborated in other projects related to the Chilean Virtual Observatory (ChiVO)

Reference: Marcelo Mendoza, UTFSM Professor, mail: mmendoza@inf.utfsm.cl

2018-2020 — **Software Engineer at ENOVUS**, *Chile*

I developed a wide variety of systems: Performance Evaluation, e-Learning Management Systems (LMS); custom applications and web systems made for medium and big business.

Recommendations: Fabio Droguet, IT area manager, email: fabio@iogcorp.cl

2020-Actualidad — **Software Engineer at INRIA CHILE**, *Chile*

I participated in the development of the Tranque mining project, a monitoring system for tailings deposits for all mining companies of Chile. I'm currently participating in the development of the astronomy and computing project LOVE, a monitoring system for the operations of the telescopes of the Vera Rubin observatory.

Recommendations: Andrs Vignaga, project area manager, email: andres.vignaga@inria.cl

Education

2011 - 2018 — INFORMATIC ENGINEER, **Federico Santa Maria University**

Languages

SPANISH:	Native
ENGLISH:	Intermediate

Technical skills

Basic Skills:	C, C++, C#, Ruby, Latex, MongoDB, Cassandra,Neo4j, Redis, Kubernetes, Jenkins
Intermediate Skills:	Linux Servers, Git, Python, Java, Docker, Elastic Search
Advanced Skills:	PHP, HTML5, CSS3, JS, MySQL Postgres
Frameworks:	JQuery, Bootstrap, Tailwind CSS, Material-UI, Android native, React JS, React Native, Apache Cordova, Django, Laravel, Ruby on rails, Wordpress, Drupal, Jekyll, HUGO
Others:	Github, Gitlab, TDD (testing), SCRUM, UML, REST APIs, JSON, Linters & Formatters (eslint, black8), Arduino

Interests

Universe, Nature, Astronomy, Computing, Programming, Artificial Intelligence, Machine Learning, Big Data, Internet of Things, Open-Source, Blockchain, Bitcoin, Society, Education, Circular Economy, Recycling, Sports.