Sebastian Aranda Sanchez

Personal information

PLACE AND DATE OF BIRTH:	Santiago, Chile — 29 of October 1992
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GITHUB:	https://github.com/sebastian-aranda

Work Experience

2013-Now | Freelancer

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-Now | 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.

Reference: 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.

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

2020-Now | 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 C. Rubin observatory.

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

Education

2011 - 2018   COMPUTER ENGINEER, **Federico Santa Maria University**

Languages

SPANISH:	Native
ENGLISH:	Intermediate

Technical skills

Basic Skills:	C++, C#, Ruby, Latex, MongoDB, Cassandra, Neo4j, Postgres, Redis, Nginx, Elastic Search, Kubernetes, Jenkins
Intermediate Skills:	C, Linux, Git, Java, SQL, UML, Docker
Advanced Skills:	Python, PHP, HTML, CSS, JS, SQL
Frameworks:	React JS, JQuery, Bootstrap, Tailwind CSS, Material-UI, Android native, React Native, Apache Cordova, Arduino, Django, Django Rest Framework, Django Channels, Laravel, Ruby on Rails, Wordpress, Drupal, Jekyll, HUGO
Technologies:	HTTP Rest APIs, Websockets, JSON, JSON Web Tokens, YAML, XML
Tools:	JIRA, Confluence, ClickUp, Github, Gitlab, ESlint, Prettier, flake9, black, Github Copilot
Others:	SCRUM, Test Driven Development (TDD), Continuous Integration (CI), Continuous Delivery (CD)

Interests

Universe, Nature, Astronomy, Computing, Programming, Artificial Intelligence (AI), Machine Learning (ML), Software, Human Computer Interaction (HCI), Big Data, Internet of Things (IOT), Open-Source, Blockchain, Bitcoin, Society, Education, Circular Economy, Recycling, Sports.