

Patricio Araneda García

Contact

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Address

Santa Isabel 765 dept. 504
Santiago, Chile

IT Skills

- PHP, HTML, CSS3
- API Rest
- Python, Pandas, Scikit-learn
- R, RStudio, Shiny, Tidyverse
- Javascript, VueJS,
- SQL
- PostgreSQL, MySQL, SQL Server

- JIRA, Confluence, Trello
- Miro, Mural, Figma
- Scrum, Kanban
- Camunda, Cawemo

- Web development
- ETL
- Data Mining
- Data Analytics
- Project Management
- Google Workspace Mgmt

- Power BI
- Data Studio
- KNIME

URL

patricioaraneda.cl
rpubs.com/paraneda
[linkedin.com/in/patricioaraneda](https://www.linkedin.com/in/patricioaraneda)
<https://github.com/paranedagarcia>

English



I have developed a career of more than 30 years in software engineering, mainly in design and data management in development and project management functions, developing software applications for companies in different areas, including the construction of educational platforms. More than ten years ago, I oriented my career towards the health area in several institutions in the structuring and analysis of complex health data in several research laboratories of the University of Chile. With extensive experience in data analytics and software development project management, as Product Owner and/or Project Coordinator, and management of new technologies as CTO.

Work experience

University lecturer

[Universidad Bernardo O'Higgins](#) – Santiago, Chile, August 2022 to December 2022
Lecturer of Business Intelligence course.

IT Project Evaluator

[Agencia Nacional de Investigación y Desarrollo](#). November 2021 to present
Evaluation of research projects in the areas of technologies, medical informatics and other general areas. Related to Artificial Intelligence and Data Science.

Chief Technology Officer (CTO)

[Fundación Conecta Mayor](#), July 2021 to March 2022.
Responsible for the coordination, management and monitoring of IT initiatives. Design of data governance and structuring of IT technologies for data analysis. Also leading as Product Owner the development of the application.
(<https://play.google.com/store/apps/details?id=cl.entel.ocean.launcherconectamayor>)

Project Evaluator

[EQA](#), January 2021 to present
Evaluation of technological projects submitted to CORFO within the Crea y Valida I+D+i Business and/or Collaborative programme.

CEO y Founder

[Opendataclinica SPA](#) – Santiago, Chile, December 2019 to December 2020
General direction and management and development of a web platform for biomedical information management and clinical research based on different diagnoses according to the needs of the researcher, biobank or health centre. For multicentre studies and specialised clinical records focused on patient follow-up, with emphasis on cancer, chronic pathologies or rare diseases.

University lecturer

[Universidad de Las Américas](#) – Santiago de Chile, August 2019 to December 2021.
Lecturer of the courses Data Analytics, Databases, Business Analytics, Fundamentals of Intelligent Systems.

University lecturer

[Universidad de Talca](#), Santiago de Chile, August 2019 to present.
Professor of Office Automation Workshop, Information Systems and Technologies, Information Technologies.

CTIO Biobanco Universidad de Chile

[Biobanco Universidad de Chile](#) – Santiago, Chile, April 2016 to September 2019.

Coordination of medical informatics services for the University of Chile biobank program, as part of the functions; Noraybank LIMS software administrator. Database development and administration. Clinical data integration and management of data analytics and information systems management and extraction of biomedical data from collected samples.

Informatics Project Coordinator

[Centro de Modelado Matemático](#). Universidad de Chile, Santiago de Chile, January 2017 to December 2018.

Senior software engineering coordination at the Centro de Modelamiento Matemático, Universidad de Chile, for the construction of the Neurogen project. Development of a clinical information system for neuropediatric pathologies at the Hospital Clínico San Borja Arriarán.

Research Assistant

Chilean Genomic Laboratory, Human Genetics Program, ICBM, Faculty of Medicine, University of Chile, Santiago de Chile, April 2016 to April 2018.

Infrastructure implementation, Linux server administration, computer support on linux servers and software for genomic analysis. Senior software engineer at the chilegenomico laboratory for the construction of the genomics research laboratory management software.

Research Assistant

Department of Human Genetics, Faculty of Medicine, University of Chile, Santiago de Chile, April 2014 to April 2016.

Consultant for the Laboratory of Biomathematics and Integrative Omics, Department of Human Genetics, Faculty of Medicine, University of Chile. Development of an online platform for the capture of psychological survey data for Alzheimer's patients. Biological data analytics.

IT Project Development Manager

Dataclinica SPA – Santiago, Chile, February 2014 to December 2019

Project manager in health application development with strong emphasis on mobile devices and mHealth. Management on standard PostgreSQL databases and derivations to NoSQL databases. Software design and development, requirements engineering and IT project manager. For clients in public and private companies.

Coordinator and Consultant in Enlaces projects

Unidad ejecutora facultad de educación Universidad Católica de la Santísima Concepción de 1996 a 1997.

Teacher of informatics workshops for teachers under the executing unit of the faculty of education of the University of Concepción from 1998 to 1999.

Coordinator and computer consultant

Master's Programme in Education. 1998 a 2000. Faculty of Education. Catholic University of the Santísima Concepción.

Teacher Crisol Department

1988 a 1996. Coordinator of internal affairs and teaching in the Crisol department.. Universidad Católica de la Santísima Concepción.

Academic background

Master in Medical Informatics

Universidad de Chile, 2016

Computer and Informatics Engineer

Instituto Profesional Virginio Gómez, 2013

Professor of Natural Sciences and Biology

Pontificia Universidad Católica de Chile, 1987

Diploma in Public Health and Health Care Networks

Universidad de Concepción, 2013

Diploma in Artificial Intelligence

Pontificia Universidad Católica de Valparaíso, 2018

Diploma in Predictive Modelling and Machine Learning

Pontificia Universidad Católica de Valparaíso, 2019

Diploma in Geriatrics and Gerontology

Universidad de Chile, 2022

References

Dr. Heinz Nicolai E.

Associate Professor, Universidad de Chile

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Dr. Gustavo Zomosa R.

Associate Professor, Universidad de Chile

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PhD. Rodrigo Assar C.

Data Scientist Senior, Experian

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PhD. Alejandro Maass

Director Centro de Modelamiento Matemático, Universidad de Chile

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