

Name: Marcelo Stöckle
Nationality: Chilean
Date of birth: February 01, 1991
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Informatics Engineer. Biochemist. Job aspirations: full-stack development (node, Express, React, Vue). Experience in development of scientific applications using Java, Matlab and Python/Jupyter. Languages: native Spanish, fluent English, conversational Japanese, German, Dutch.

EDUCATION

- 2017 - 2021 **Universidad del Bío-Bío, Concepción**
Informatics Civil Engineer
- 2009 - 2014 **Pontificia Universidad Católica de Chile, Santiago**
Bachelor's degree in Biochemistry
- 2008 **Colegio Concepción, Parral**
Secondary school degree

EXPERIENCE

- 2023 - today **Development Engineer, Plan Humano Consultores**
+ Supervisor: Mr. Francisco Valenzuela (frivera@planhumano.cl)
+ Database backend logic and infrastructure, and machine learning app development.
- Jan 2022 **Independent Informatics Consultant, Instituto Milenio de Oceanografía, UDEC**
+ Supervisor: Dra. Carolina González (carolina.gonzalez@imo-chile.cl)
+ Developing an efficient implementation of an existing algorithm used during taxonomic assignation tasks.
- 2014 - 2017 **Research Assistant, Laboratorio de Ciencias Cognitivas, CIM PUC**
+ Supervisor: Dr. Pablo Fuentealba (pjfuentealba@gmail.com)
+ Maintaining, developing and documenting software used for handling, visualization and analysis of experimental electroencephalogram data in a neuroscience laboratory.
- 2014 **Undergraduate Assistantship: Artificial Intelligence, PUC**
+ Supervisor: Dr. Álvaro Soto (asoto@ing.puc.cl)
- Jul 2013 **Summer workshop at Harvard SEAS**
+ Supervisor: Dr. Pavlos Protopapas (pavlos@seas.harvard.edu)

2013

Undergraduate Assistantship: Data Mining, PUC
+ Supervisor: Dr. Karim Pichara (kpb@ing.puc.cl)

PORTFOLIO

<https://legendary-medovik-d07273.netlify.app/>

PUBLICATIONS

A Lara-Vásquez, N Espinoza, E Durán, M Stöckle, P Fuentealba. Midline thalamic neurons are differentially engaged during hippocampus network oscillations. *Scientific Reports*. 2016; 6:29807

P Billeke, T Ossandon, M Stöckle, M Perrone-Bertolotti, P Kahane, J P Lachaux y P Fuentealba. Brain state-dependent recruitment of high-frequency oscillations in the human hippocampus. *Cortex*. 2017, vol. 94, pp. 87-99.