

# Felipe González - Msc. Computer Science student



I consider myself to be creative, innovative and passionate with my goals, I am always energetic and very organized, plus, I have good teamwork abilities with outstanding social skills. I am interested on Data Mining, Business Intelligence, Machine & Deep Learning and Software Engineering.

## Education:

<b>Date of Birth:</b>	<b>Master of Science</b>	2018-2020	Msc. Computer Science student at Universidad Técnica Federico Santa María, Chile. Expected graduation on July, 2020.
18 of August of 1993	<b>Data Science schools</b>	2019	Attended to The Cornell, Maryland, Max Planck Pre-doctoral Research School 2019, Saarbrücken, Germany
<b>Nationality:</b>			Attended to La Serena School for Data Science: Applied Tools for Data-driven Sciences, La Serena, Chile
Chilean	<b>Bachelor</b>	2012-2018	Computer Science and Engineering at Universidad Técnica Federico Santa María, Chile. <b>Best Graduated Student</b> (Average grade: 82/100), graduated on February, 2018.
<b>City:</b>			
Santiago, Chile	<b>Exchange Experience</b>	2016	Exchange Program at Politecnico di Milano, Italy. Attending Master Degree Classes.
<b>Languages:</b>			

English  
(High Level)

## Experience:

Italian (Basic Level)	<b>Researcher Associate</b>	2017-2020	Between January - July 2020, Natural Language Processing researcher at Dalhousie University, Canada under the Emerging Leaders in the Americas Program (ELAP)
Spanish (Native)			Between 2018 - 2019, Visual analytics and NLP researcher on social networking with a University of Washington and Universidad Técnica Federico Santa María team.
<b>Find me at:</b>			On 2017, Internship in Geolnova Consultores Ltda. Investigating new technologies related to scientific computation and AI.
	<b>Teacher</b>	2018-2018	Computer Programming and Introduction to Data Science teacher at Universidad Técnica Federico Santa María.
	<b>Teaching assistant</b>	2015-2017	Teaching Data Structures & Algorithms; Information Systems; Project Management and Software Engineering at Universidad Técnica Federico Santa María, Chile.
	<b>Project Manager</b>	2016	Project Manager in HandiApps. Designing "Money\$scanner", an android application made for visually impaired people. This product has appeared in radio, newspaper and television.
	<b>Software Engineering</b>	2014-2015	Internship in Continuum HQ. Web System Development (Java & Spring MVC). Developing an audit system for users who have made a transfer in pension system companies (AFP).

## Technical Knowledge:

- Deep Learning and Neural Information Retrieval with Tensorflow/Keras.
- Data Mining with Python, Pandas, NLTK and R.
- Data visualization with Plotly/Matplotlib/Seaborn.
- Other languages: Java, C++.
- Business Intelligent using Tableau, Power BI, Orange and Rapid Miner.
- Topic Modeling with Mallet/Gensim/LDAvis
- Web development with Django/CodeIgniter.
- Android app development.

## Publications:

- **González, F.**, Figueroa, A., López, C., & Aragon, C. (in press). Information Privacy Opinions on Twitter: A Cross-Language Study. In Companion Proceedings of The 2019 Computer Supported Cooperative Work. ACM
- **González, F.**, López, C., Castro, C., & Vasquez A. (in press). Inequalities in Computational Thinking among Incoming Students in a STEM Chilean University. IEEE Latin America Transactions Journal.
- **González, F.**, Yu, Y., Figueroa, A., López, C., & Aragon, C. (2019, May). Global Reactions to the Cambridge Analytica Scandal: A Cross-Language Social Media Study. In Companion Proceedings of The 2019 World Wide Web Conference (pp. 799-806). ACM.
- **González, F.**, López, C., & Castro, C. (2018, November). Development of Computational Thinking in High School Students: A Case Study in Chile. In 2018 37th International Conference of the Chilean Computer Science Society (SCCC) (pp. 1-8). IEEE. **Best Paper Award**