Ignacio **Tampe**

COMPUTER SCIENCE ENGINEER (M.SC. EQUIVALENT)

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Skills

Programming	Python, C/C++, Javascript, R, Dart
Frameworks	Django, Gensim, Tensorflow, PyTorch, Sklearn, Pandas, NLTK, Plotly, Matplotlib, Streamlit, Airflow, AWS
Languages	Spanish Native, English Fluent (TOEFL iBT 110/120)

Experience

Microsoft
Vancouver, Canada
DATA & APPLIED SCIENTIST II — *Sep. 2021 - PRESENT*
- Design and develop end to end ML solutions for the Clarity project Insights Team
- Apply Machine learning to solve NLP tasks to enhance insights for users

Cornershop by Uber
Santiago, Chile
DATA SCIENTIST — *Dec. 2020 - Sep. 2021*
- Implement deep learning forecasting tools to analyze demand and capacity of the operation.
- Perform MLops to deploy and serve models, including DAGs on Airflow to automate ETL and training tasks.

Dalhousie University
Halifax, Canada
VISITING RESEARCHER — *Jan. 2020 - Dec. 2020*
- NLP & Deep Learning Researcher at the Faculty of Computer Science in Dalhousie University.
- Researching Automatic Abstractive Summarization of online news discussions using a transformer architecture.
- Work culminated in a paper accepted to *Intellysis* 2021 [1]

LeyTransparente - Clustea
Santiago, Chile
SCRUM MASTER & DATA SCIENTIST — *Mar. 2019 - Mar. 2020*
- Coordinated the development team using sprints and agile
- Designed a technique able to detect conflicts of interest between congressmen estates and law projects.
  Using Natural Language Processing and Clustering techniques.

European Southern Observatory (ESO)
Paranal Observatory, Chile
SOFTWARE ENGINEER INTERN — *Jan. 2019 - Feb. 2019*
- Develop a software tool to handle technical time and repairs for the telescopes.
  Achieving improved efficiency, consistency and scalability compared to the previous process.

Universidad Técnica Federico Santa María
Santiago, Chile
UNDERGRADUATE TEACHING ASSISTANT — *2016 - 2020*
- Deep Learning, User Interface Design, Non-Relational Databases
- Algorithms & Complexity, Data Structures, Computer Programming in Python.

Education

Universidad Técnica Federico Santa María
Santiago, Chile
COMPUTER SCIENCE ENGINEER (M.SC. EQUIVALENT) (2 YEARS TRACK) — *Mar. 2019 - Nov. 2020*
- Relevant courses: Deep Learning, Text Mining, Business Intelligence, Pattern Recognition, Image Processing.
- Thesis: Neural Abstractive Unsupervised Summarization of Online News Discussions
- GPA 80/100. Ranked 1st. of 20

Universidad Técnica Federico Santa María
Santiago, Chile
B.SC. IN COMPUTER SCIENCE AND ENGINEERING (4 YEARS TRACK) — *Mar. 2015 - Dec. 2018*

Honors & Awards

2022	**School of Engineers**, Best graduated student	*Chile*
2021	**Universidad Técnica Federico Santa María**, Best Computer Science graduated student	*Chile*
2019	**Emerging Leaders in the Americas Program**, EduCanada Research Scholarship. 5500 USD	*Canada*
2019	**Seeds for the Future**, Huawei Scholarship, consisting in a trip to China to visit and learn on Huawei's HQ	*China*

Publications

[1] I. Tampe, M. Mendoza, and E. Milios, *Neural abstractive unsupervised summarization of online news discussions*, 2021. arXiv: `2106.03953` `[cs.CL]`.

Projects

#ChileWokeUp	Understanding the role of Social Media during the Chilean protest by analyzing with deep learning the violence in posted images.
LeMiKnow	An open source Python library to get notifications when a function is called, finishes or crashes. 7000+ downloads