

Ricardo Coronado Mera

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PROFILE

Soon-to-be graduate of Ingeniería Civil en Informática from the Universidad Austral de Chile. I have a strong interest in the field of natural language processing and a solid academic background in computer science and software development. I have experience in researching and developing NLP projects and I am seeking a PhD opportunity to deepen my knowledge and contribute to the scientific community in this evolving field. I am a highly motivated and organized person, with analytical and synthesis skills, a great capacity for learning, and the ability to work in teams. I am interested in projects related to the environment, both in the development of computational tools and in project management, with the goal of applying my knowledge and gaining new experiences to contribute to the collective improvement of society. I am able to adapt to different teams and always give my best while working in a team and helping in any field.

INTERESTS

Machine Learning, Deep Learning, Natural Language Processing, Linguistics, Philosophy

EDUCATION

Ingeniero Civil en Informática

Universidad Austral de Chile | 2015 - 2022, Valdivia, Chile

Licenciado en Ciencias de la Ingeniería

Universidad Austral de Chile | 2018 - 2020, Valdivia, Chile

Bachiller en Ciencias de la Ingeniería

Universidad Austral de Chile | 2015 - 2018, Valdivia, Chile

PROFESSIONAL EXPERIENCE

Fondecyt Grant 11190714 – Computational Method based on News Processing for Characterizing Territorial Issues

Lead Developer | July 2022 – Present

A computational method that uses transformer architectures and word embeddings to cluster news and analyze the sentiment expressed in them. This allows for the identification and characterization of territorial issues.

Sophia2 (FinTree Project)

Junior Developer | January 2022 – July 2022

A computational tools that, using various Artificial Intelligence models, allow for the classification of emails and extraction of key concepts to optimize the response process for them.

Torneo Iberoamericano de Aplicaciones Móviles (TuApp)

Finalist | 2015 & 2016

Two-time consecutive finalist in the Ibero-American Mobile Applications Tournament (TuApp), where he represented his university with the projects "Booya!" and "ChileRunner".

SKILLS

Python | C++ | Javascript | React | Git | Linux | Jupyter | PyTorch | NumPy | SciPy
Scikit-Learn | Pandas | spaCy | Gensim | NLTK | Word Embeddings & HuggingFace Models
Creativity | Leadership | Teamwork | Self educated | Communication | Problem solving

LANGUAGES

Spanish: Native

English: Intermediate

HOBBIES

Reading | Music composition | Playing guitar | Chess | Photography | PC video games