

# VALERIA MICOL GARCIA

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Github: <https://github.com/valemicolgarcia>

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## SUMMARY

Computer Engineering student with a passion for Artificial Intelligence and its applications. Currently building hands-on Machine Learning projects to sharpen my technical skills. Excited to apply my knowledge to solve real-world problems and looking for opportunities to contribute to the AI field while continuing to learn cutting-edge technologies.

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## EDUCATION

### Bachelor's Degree in Computer Engineering

Universidad Nacional de La Plata

Expected Graduation: [December, 2026]

GPA: 8.6 / 10

### First Certificate in English (FCE)

Cambridge University [March, 2024]

### Machine Learning with Python

freeCodeCamp [July, 2024]

### Data Science I: Fundamentals for Data Science

CoderHouse [January, 2024]

### Data Science II: Machine Learning for Data Science

CoderHouse [May, 2024]

### Data Science III: NLP & Deep Learning

CoderHouse [August, 2024]

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## PROJECTS

- Heart Disease Prediction (Logistic Regression, XGBoost, Random Forest, Hyperparameter Tuning)
- Song Popularity Prediction (Linear Regression, Data Cleaning - Exploratory Data Analysis)
- Stress Detection - Natural Language Processing - Neural Networks
- Cats and Dogs Image Classifier (Convolutional Neural Networks)
- Book Recomendation (K-Nearest Neighbors)
- SMS Text Classifier (Natural Language Processing - Recurrent Neural Networks)

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## WORK EXPERIENCE

### Teaching assistant - Programming 2

Universidad Nacional de La Plata (UNLP)

- Supported students in mastering advanced programming concepts including recursion, non-linear data structures (trees), and memory management.

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## SKILLS

- Machine Learning & AI: TensorFlow, Neural Networks, NLP, Probabilities, Statistics
- Data Science & Analytics: Pandas, NumPy, Data Preprocessing, Data Visualization
- Programming Languages: Python, C, Java, Assembly, SQL (in progress)
- Deep Learning: Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs)
- Tools & Libraries: Scikit-learn, TensorFlow
- Cloud & Big Data (in progress): Learning AWS
- Languages: English (B2 - First Certificate in English, Cambridge), Spanish (Native)
- Soft skills: Teamwork & Collaboration, Communication, Adaptability, Problem Solving

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## AWARDS AND EXTRA-ACTIVITIES

Outstanding Incoming Student Mention  
[March, 2022]

Special Mention, Ñandú Math Olympiad  
[September, 2016]

Runner-Up, Argentine Artistic Skating  
Confederación Argentina de Patín (CAP)  
[October, 2021]

Runner-Up, Argentine Ñandú Math Olympiad  
[November, 2015]

Champion of Argentine Artistic Skating  
Confederación Argentina de Patín (CAP)  
[May, 2019]

René Favaloro Award for Best Average  
[December, 2015]