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Esteban Barrios
Junior Data Scientist

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OBJECTIVE

I am eager to enhance my abilities in effectively leading teams to achieve our objectives. This ambition extends to personal, educational, and professional realms. Additionally, I am determined to cultivate proficient communication skills in both of my languages. My ultimate goal is to become an influential force for assistance and transformation, utilizing information to guide others through the most effective methods, employing data and machine learning techniques.

SKILLS

Tools and Languages	Python, Jupyter Notebooks, Git, GitHub, MySQL, Latex.
Python libraries	NumPy, Pandas, Matplotlib, Seaborn, Plotly, scikit-learn.
Communication	English (B2), Spanish (native speaker).

EXPERIENCE

Python programming assistant / Python Programming Summer School — **January 2023**
Python programming assistant / Python Programming Summer School — **January 2022**
MIT International Science and Technology Initiatives with Universidad Mayor — *Santiago, Chile*

- Translate Python explanations from English to Spanish..
- Providing support in problem-solving and addressing student inquiries.
- Assisting in organizing and managing the event.

Research assistant / Machine learning applications in public policy and economics — **August — December 2021**
Universidad Mayor — *Online, Chile*

- Collaborating in literature review and gathering relevant information.
- Collecting relevant data for research in public policy and economics.
- Preprocess the data using techniques such as cleaning, normalization, and encoding of categorical variables.

Data science Olympics assistant / Data Science Olympics for high school students — **August 2021**
Universidad Mayor — *Online, Chile*

- Collaborate in the planning and organization of the Data Science Olympics for high school students.
- Provide technical support and guidance to the students during the competition.
- Evaluate and grade the projects and solutions presented by the students.

COURSES

Computational statistics with Python — **October 2020**
Platzi — *Online*

- Basic concepts of statistics, such as measures of central tendency, dispersion, and probability.
- Acquire skills to handle and analyze data using Python libraries and tools like Pandas and NumPy.
- Learn to visually represent data using libraries like Matplotlib and Seaborn.

Introduction to design — **June 2020**
Platzi — *Online*

- Understand the fundamentals of design, such as composition, color, typography, and visual hierarchy.
- Explore techniques for designing effective and satisfying user interactions.
- Acquire skills to create design prototypes and conduct usability testing to improve the user experience.

Personal finance — **June 2020**
Platzi — *Online*

- Understand different types of investments, how financial markets work, and how to make informed investment decisions.
- Strategies for effectively managing debt, such as debt consolidation, interest rate negotiation, and establishing a repayment plan.
- Develop skills to create a personal budget, track expenses, and make conscious financial decisions.

Oratory and public speaking — **April 2020**
Platzi — *Online*

- Understand how to use body language and gestures to reinforce the message and convey confidence and authority.
- Learn to structure and organize speeches coherently and convincingly, including introduction, development, and conclusion.
- Develop skills to move and use stage space appropriately, maintaining audience engagement.

Introduction to the creation of companies and startups
Platzi

April 2020
Online

- Understand the fundamentals of strategic planning and how to develop a solid business plan.
- Understand the fundamentals of strategic planning and how to develop a solid business plan.
- Learn about the financing options available for startups and how to attract investors.

Negotiation techniques
Platzi

February 2020
Online

- Develop skills in assertive communication and active listening to understand others perspectives and convey own interests.
- Learn to identify and address conflicts that may arise during a negotiation, using strategies for resolution and mitigation.
- Explore different alternatives and creative solutions that allow for mutually beneficial agreements.

Personal brand
Platzi

April 2019
Online

- Identify your strengths, values, and goals to build an authentic and consistent personal brand.
- Define a unique and differentiating value proposition that sets you apart from other professionals and positions you in your area of expertise.
- Establish and cultivate professional relationships with key individuals in your industry, participating in events and collaborating on relevant projects.

High school leadership program
Universidad Adolfo Ibáñez

June 2019
Santiago, Chile

- Develop self-awareness, confidence, and decision-making skills to lead effectively.
- Learn to express oneself clearly, persuasively, and respectfully, both verbally and in writing.
- Develop skills to identify and address challenges, find creative solutions, and make informed decisions.

EDUCATION

Bachelor of Science, Major in Data Science
Universidad Mayor

2021 — 2025 Expected
Santiago, Chile

ACTIVITIES

Vice President of Data Science Student Association
Universidad Mayor

2023
Santiago, Chile

- Encourage active student participation in data science projects and competitions.
- Represent the association in student meetings and events, as well as in meetings with other groups and organizations.
- Serve as a liaison between data science students and the faculty, conveying concerns and suggestions.

Accompaniment and support for micro-enterprises
TECHO Chile

2021
Online, Chile

- Conduct analysis and assessment of the specific needs and challenges of micro-enterprises.
- Deliver training and education in relevant business and technical skills.
- Monitor the progress and performance of micro-enterprises and make adjustments and improvements as needed.

INTEREST AND HOBBIES

Interest AI, Cryptocurrencies, Economy, Technology.
Hobbies Travel, Photography, Surf, Tennis, Volleyball.