



# SEBASTIÁN MOLINA

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Santiago, Región Metropolitana - Your ZIP, Your Country

## INTERESTS

Economic Development, Agribusiness, Environmental and Resource Economics, Experimental Economics, Financial Inclusion in Rural Areas, Biofuels.

## EDUCATION

- Universidad Austral de Chile** 2019 - 2025  
*B.A Business and Economics* Valdivia, Región de Los Ríos
- University of Wisconsin-Madison** Fall 2023  
*VISP Agricultural and Applied Economics* Madison, Wisconsin



## PUBLICATIONS

- [Q1] **Molina, S.** and Doussoulin, J.P. (2025). **Moving towards a circular bioeconomy in developing countries: Profitability gap in Chile’s biodiesel production.** *Biomass and Bioenergy*, Vol. 202, 108197.


## RESEARCH EXPERIENCE

- Research Assistant to Pilar Jano** 08/2025 - Present  
*to Professor Pilar Jano, FONDECYT PROJECT* City, Country
  - FONDECYT project, *Barriers to access high quality agricultural markets: the case of farmer associations and peer effects in the Chilean wine grape market*
- Research Assistant to Professor Jose Antonio Carrasco** 08/2025 - Present  
*to Pilar Jano, FONDECYT PROJECT* City, Country
  - Literature review and comparative analysis in applied microeconomics. Replication of economic models using Python and nonlinear systems.
- Undergraduate Researcher** 08/2025 - Present  
*Ref. Jean Pierre Doussoulin, Thesis Project* City, Country
  - Led research and writing of a published article in *Biomass and Bioenergy*. Financial evaluation of biodiesel production in southern Chile.

## TEACHING EXPERIENCE

- Company A**  Month Year - Month Year  
*Job Title A* City, Country
  - Developed [specific achievement] achieving [specific metric] in [specific area]
  - Implemented [technology/method], enhancing [specific aspect] by [specific percentage]
- Company B**  Month Year - Month Year  
*Job Title B* Remote
  - Engineered a [specific system/model], improving [specific metric] by [percentage]
  - Developed [specific tool/method], increasing [specific aspect] by [percentage]




## CURRENT RESEARCH: PROJECTS

- Project A: [Brief Description]** Month Year - Month Year  
*Tools: [List of tools and technologies used]* 
  - Developed [specific feature/system] for [specific purpose]
  - Implemented [specific technology] for [specific goal], achieving [specific result]



SKILLS

- **Programming Languages:** Language 1, Language 2, Language 3, Language 4, Language 5
- **Web Technologies:** Technology 1, Technology 2, Technology 3, Technology 4, Technology 5
- **Database Systems:** Database 1, Database 2, Database 3
- **Data Science & Machine Learning:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5, Tool 6
- **Cloud Technologies:** Cloud Platform 1, Cloud Platform 2, Cloud Platform 3
- **DevOps & Version Control:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Specialized Area:** Skill 1, Skill 2, Skill 3, Skill 4
- **Mathematical & Statistical Tools:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Other Tools & Technologies:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Research Skills:** Skill 1, Skill 2, Skill 3, Skill 4, Skill 5, Skill 6

HONORS, GRANTS AND AWARDS

- **Eduardo Neale-Silva Memorial Scholarship** 2023-2024  
*University of Wisconsin-Madison* 
  - Full scholarship awarded for academic excellence to study at the University of Wisconsin–Madison during the 2023-2024 academic year. Granted to students committed to contributing to Chile’s technological and economic development.
- **Award Name B** Month Year  
*Awarding Institution/Organization* 
  - Brief description of the award and its significance
  - Impact or recognition associated with the award
- **Competition Achievement** Month Year  
*Competition Name, Organizing Body* 
  - Specific achievement or rank in the competition
  - Skills or abilities demonstrated through this achievement

PROFESSIONAL EXPERIENCE

- **Accounting Analyst** Month Year - Month Year  
*Organization/Institution Name* 
  - Key responsibility or achievement in this role
  - Quantifiable impact or improvement made during tenure
  - Initiative taken or project led
- **Accounting Analyst** Month Year - Month Year  
*Bci Asset Management/Institution Name* 
  - Key responsibility or achievement in this role
  - Quantifiable impact or improvement made during tenure
  - Initiative taken or project led

CERTIFICATIONS

- **Certification A** Month Year
- **Certifying Body:** **Certification B** Month Year
- **Certifying Body:** **Certification C** Month Year
- **Certification D** Month Year

LANGUAGES

**Languages:** Spanish (Native), English (Fluent), Portuguese (Basic)

## REFERENCES

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1. **Jose Antonio Carrasco**  
Associate Professor, Business School  
Universidad Adolfo Ibañez  
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2. **Pilar Jano**  
Job Title, Department  
Organization/Institution Name  
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3. **Jean Pierre Doussoulin**  
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Universidad Austral de Chile  
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