

# Ariel Urquidi Rodriguez

Civil Engineer

## Contact

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### WWW

[https://scholar.google.com/citations?hl=es&user=TgFjYioAAAAJ&view\\_op=list\\_works&authuser=2&gmla=ALUC](https://scholar.google.com/citations?hl=es&user=TgFjYioAAAAJ&view_op=list_works&authuser=2&gmla=ALUC)

## Skills

Team Leadership

Critical Thinking

Syllabus Development

Workshops and Seminars

Research and analysis

Academic advising

Peer Reviews

Lesson Planning

Mentoring

Academic Advisory

## Languages

Inspiring Professor brings advanced teaching skills and department leadership experience. Goal-oriented to advance department, improve teaching and modernize courses.

Extensive background in research and university fundraising. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Thorough team contributor with strong organizational capabilities. Experienced in handling numerous projects at once while ensuring accuracy. Effective at prioritizing tasks and meeting deadlines.

## Work History

2017-04 -

### Tenured Professor, Researcher

Current

*Universidad Privada Boliviana, La Paz*

- Mentored and supervised graduate students, providing valuable guidance for thesis work, research projects, and professional development.
- Evaluated student progress using formative and summative assessments to provide targeted feedback for continuous improvement.
- Professor in the Architecture and Engineering Faculty.
- Leader Research in the water management and geotechnical engineering field.

2013-01 -

### Chief Engineer

2017-01

*Servicio De Aeropuertos Bolivia Sociedad Anonima , La Paz*

- Managed and scheduled equipment and system preventive maintenance programs
- Established procedures for corrective and preventive maintenance.
- Reviewed engineering designs for accuracy, feasibility, and functionality before implementation to ensure success upon execution.
- Led a team of engineers to complete complex projects within budget and schedule constraints successfully.

2011-01 -

### Engineering Supervisor

**Spanish:** Native language

English

C2

Proficient

2011-12

*Gobierno Autonomo Municipal De La Paz , La Paz*

- Enhanced engineering team efficiency by implementing innovative project management techniques.
- Managed multiple concurrent engineering projects, balancing priorities to meet deadlines without sacrificing quality or budget constraints.
- Implemented continuous improvement initiatives, identifying areas of inefficiency and developing solutions to address them.
- Evaluated emerging technologies and integrated them into existing workflows where appropriate, keeping the team at the forefront of industry advancements.

2009-03 -  
2010-12

### **Geotechnical Engineer**

*PCA Ingenieros Consultores, La Paz*

- Performed advanced laboratory testing on soils, rocks, and construction materials to ensure safe and efficient building practices.
- Collaborated with multidisciplinary teams to develop integrated solutions addressing complex geotechnical challenges.
- Developed accurate proposals and determined costs for investigation procedures.
- Planned and conducted exploration effectively.

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## **Education**

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2023-09

### **Ph.D.: Environmental And Water Management**

*UNINI - Mexico*

- Unini Scholarship, 2019 from Funiber
- Thesis Statement: How can water be harvested from the air? The Evidence from Bolivia
- Fog Collectors, Fog Collection System Demonstration Center - Research Project
- Dissertation: How to harvest water from the Air? The Evidence from Bolivia

2019-01

### **Master of Science: Environmental And Water Management**

*CEU Cardenal Herrera - Madrid*

- IMF Scholarship, 2016 from Instituto Madrileño de Formación
- Thesis Statement: Alternativas de tratamientos de agua secundarios
- Comportamiento Microorganismos Anaeróbicos en La Paz , Laguna de tratamiento de aguas con Microorganismos Anaeróbicos - Research Project
- Dissertation: Alternativas de tratamientos de agua secundarios

2009-12

### **Civil Engineering Undergraduate: Geotechnical Engineering, Soils Mechanics**

*Universidad Catolica Boliviana - La Paz*

- Encargado de Laboratorio, PCA, Completed 2008
- Thesis Statement: Estabilización de Taludes de material Coluvial Saturado

2005-12

### **Bachelor of Science: Mathematics**

*San Ignacio De Loyola - La Paz*

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## **Musician, Drummer**

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Self-taught drummer with 20 years of experience, created, produced, and recorded 2 albums with his progressive rock band, Innerwake.