

Arthur Mallet Dias

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WORK EXPERIENCE

University of California, Berkeley

Teaching Assistant (TA): Business Sustainability and Society (UGBA/ENERES C192R)

Berkeley, CA, USA

June 2021 – August 2021

- Designed and Taught 2 full class sections to 21 undergraduate students

Teaching Assistant (TA): Quantitative Aspects of Global Environmental Problems (ENERES102) January 2021 – May 2021

- Designed and Taught 28 weekly review-and-practice sections to 60 graduate and undergraduate students
- Evaluated as “best TA at Berkeley” by students (climate change, ocean and land carbon, air pollution, and other topics)

AMD Sustainability – Energy Consulting Startup

Co-founder/Consultant

Porto Alegre, RS, Brazil

January 2019 – July 2019

- Led a team of 4 people advising grocery stores and achieving 18% average energy costs reduction
- Specified over 50 electrical equipment, wrote 8 requests for proposals to external vendors, and made recommendations
- Identified, reached out, and signed contracts with 4 clients, then communicated and managed client relationships
- Conducted energy audits in 5 commercial buildings
- Communicated with utility program administrators regarding program requirements
- Analyzed data and developed models on Excel to estimate and measure energy savings and green building measures
- Developed a standard commercial presentation and 4 reports using PowerPoint, Word and Excel, and presented them to 4 clients

Ecolite do Brasil Industrial LTDA – LED Lighting Manufacturer

Intern/Sales Engineer

Porto Alegre, RS, Brazil

February 2017 – August 2018

- Secured a deal within 3 weeks of internship, the fastest in the company's eight-year history
- Thought 3 courses on LED lighting for over 80 engineering and architecture students
- Identified, reached out, and closed deals with more than 30 companies, including the state's largest corporation
- Developed content and gave a talk on behalf of the company at a major construction trade show with 45,000 attendants

EDUCATION

University of California, Berkeley

MS in Energy and Resources – GPA 3.9

Berkeley, CA, USA

May 2022

Relevant Coursework: Energy and Environmental Markets; Energy and Society; Quantitative Aspects of Global Environmental Problems; Consulting project for Unilever’s head of Sustainability in the US; Strategic and Sustainable Business Solutions;

Federal University of Rio Grande do Sul (UFRGS)

Bachelor of Science in Mechanical Engineering

Porto Alegre, RS, Brazil

March 2018

Relevant Coursework: Economics, Wind Energy; Solar Thermal Energy; Engineering Finance;

University of Bristol

Year abroad in Mechanical Engineering

Bristol, United Kingdom

September 2015

Relevant Outcomes: Became aware of how cultural differences influence communication and personal relationships; tutored calculus to economics students on calculus; Full Scholarship Awarded

LEADERSHIP EXPERIENCE

United People Global (UPG) – Sustainability Non-profit

UPG Sustainability Leader

Porto Alegre, RS, Brazil

March, 2019 – Present

- Recognized by the Governor of Maine as a young sustainability leader creating solutions through solar energy and urbanism
- Created and implemented a collaborative project between 5 companies, launching the country’s first 100% sustainable parklet
- Lobbied and passed city-level regulation for solar energy
- Planned the launching event with the city Mayor and the Ambassador for Sweden

ZISPOA (Porto Alegre Sustainable Innovation Zone)

Co-founder, leader, coordinating committee member

Porto Alegre, RS, Brazil

October, 2015 – December 2019

- Led a movement to promote sustainable technologies in the city by developing strategic projects with state and city government officials, ambassadors, university administrators, students, and community and business leaders
- Founded and coordinated weekly Expert Talks by hosting and moderating more than 30 expert speakers

World Economic Forum (WEF) Global Shapers Community

Member of the Porto Alegre Hub

Porto Alegre, RS, Brazil

July, 2016 – Present

- Selected to the WEF network of 9,600 people in 151 countries working for sustainable development in their communities

Technical Skills: Excel, C++, F-Chart, Transys, Power Point | **Languages:** Portuguese (Native) and Spanish (Fluent)