

Lissandro Jose Alvarado

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Education, Honors, and Certifications

Bucknell University, Freeman College of Management, Lewisburg, PA

Expected May 2025

Bachelor Science in Business Administration; Business Analytics Major with Economics Minor

- **Awards:** Posse Foundation member and Posse Leadership Scholarship recipient; Deloitte Leadership Allyship & Mentorship Program (DLAMP) Impact award for Financial Access & Empowerment; Dean's List Fall 2023; Benjamin A. Gilman International Scholarship Recipient.
- **Certifications:** Oracle Cloud Infrastructure 2023 Certified Foundations Associate
- **Relevant Courses:** Predictive Analytics; Corporate Finance; Data Visualization; Data Structures and Algorithms; Statistics; Programming Business Analytics; Econometrics

Work Experience

Researcher, Carnegie Mellon University, Pittsburgh, PA

Summer 2024

- Developed research project investigating the effects of socioeconomic factors on premature deaths, utilizing machine learning and exploratory data analysis (EDA) techniques in R.
- Created a comprehensive poster, detailed report, and engaging presentation to communicate research findings, effectively explaining the results to academic and professional audiences.

Economic Security Analyst, United Planning Organization, Washington, DC

Summer 2023

- Led quantitative research on the impact of mixed-income communities on low-income residents in Washington DC utilizing Excel Visual Basic for Application (VBA) and Tableau for data analysis
- Provided actionable recommendations for the integration of economically marginalized communities into higher income areas, thereby enhancing access to essential resources
- Showcased research findings in Shepherd Higher Education Consortium on Poverty closing conference

Accounts Manager, Bucknell Student Government (BSG), Lewisburg, PA

Spring 2023 – Present

- Manage the portfolio of approximately \$1 million that is allocated from the student activity fee into the accounts of BSG recognized clubs and organizations, by attending all BSG Finance Committee meetings
- Administer reimbursement requests submitted from clubs and organizations to fund events and activities

Leadership

Residential Advisor, Residential Education Bucknell, Lewisburg, PA

Fall 2022 –Present

- Foster community between 33 hall residents through planning of hall events and activities
- Counsel first year residents to help transition to campus by providing resources and leadership opportunities to feel empower as students

Research Associate, Bucknellian While Marginalized, Lewisburg, PA

Spring 2022 – Fall 2023

- Led the quantitative side of research in structural marginalization dynamics persistent at institutions actively striving to be more inclusive and diverse
- Analyze improvements in diversity among peer institutions compared to Bucknell in the last 10 years
- Identify existence of patterns of diversity among clubs and majors throughout Bucknell using the technological data analysis tools Excel and Tableau

Skills/Interests

Proficient in Microsoft Office (Excel, Word, and Power Point)

Experienced with Tableau, and Stata

Experienced with R

Experienced with Python (Pandas, scikit-learn, Matplotlib)

Written and spoken fluency in Spanish and English