

# Felipe Dominguez Cornejo

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Young professional with **two years of experience** in economic research, finance accounting, and operations management. Strong foundation in data analysis, econometric modeling, and cross-functional collaboration. Skilled in **applying quantitative methods** to solve complex problems and providing actionable insights to drive organizational goals

## Education

**Davidson College** **Davidson, NC**  
*Bachelor of Arts, Economics, Minor in Applied Mathematics* *January 2021 – December 2024*

- Cumulative GPA: 3.75 (Magna Cum Laude)
- Economics GPA: 3.73, Applied Mathematics GPA: 3.82
- Honors and Scholarships: Walter Alan Richards Full Tuition Scholarship 2021-2024
- Relevant Coursework: Econometrics, Calculus III, General Physics II, Linear Algebra, Mathematical Methods, Data Science and Society, Programming & Problem Solving

**The London School of Economics and Political Science** **London, UK**  
*Study abroad – General Course Program* *September 2023 – June 2024*

- Cumulative GPA: 3.64 (Upper second/Merit)
- Relevant Coursework: Public Economics, Public Policy Economics, Financial Accounting

## Publications

**The London School of Economics and Political Science** **London, UK**  
*Rodriguez-Nuesch, E., Shreedhar, G., Dominguez-Cornejo, F., & Wang, F. (2024). Let the music play: Evaluating the impact of music on hurricane preparedness, self-efficacy, and trust in the Caribbean. Unpublished manuscript*

## Research

**The London School of Economics and Political Science** **London, UK**  
*Research Assistant for Eden Centre* *June – August 2024*

- Compiled disability declarations data (n=10,000) with welfare services data (n=2,000) to identify specific instances of declaration changes, informing potential support interventions
- Analyzed disability declaration data (n=6,713) revealing that students with disabilities took an average of 270 days to declare their true status, nearly six times longer than non-disabled students
- Extracted evidence of delayed decision-making, showing that students with disabilities changed their status 2 times on average declaring their true status
- Presented key findings through data visualizations and statistical analysis, effectively communicating behavioral insights to both technical and non-technical stakeholders

*Research Assistant in Behavioral Science* *January – June 2024*

- Defined and generated binary and categorical variables from a randomized survey (n=974) using Stata, focusing on emotional responses to hurricane preparedness messages
- Encoded qualitative data (n=3,573) into categorical variables based on the Positive and Negative Affect Schedule framework, creating visualizations in R to analyze emotion-related variables
- Computed summary statistics and compared data with regional and national benchmarks in both Spanish and English, identifying five demographic covariates for analysis
- Scheduled recurrent meetings with faculty, authors, and departments, coordinating deadlines and ensuring progress toward project goals

**Davidson College – Econometrics Final Paper** **Davidson, NC**  
*Estimating the effect Marital Status on Chronic Malnutrition in Ecuador* *December 2024*

- Conducted econometric analysis to estimate the impact of maternal marital status on child health outcomes (chronic malnutrition), employing linear probability models
- Processed and cleaned large survey datasets from Ecuador's ENDI survey using Stata, ensuring high data quality for regression analysis
- Synthesized findings with existing literature to understand how household income and food insecurity influence child malnutrition

## Professional Internship Experience

**The Ditchley Foundation** **Oxford, UK**  
*Research Intern* *June – August 2024*

- Investigated and categorized biographical, academic, and professional data on network participants,

- analyzing trends in attendance by themes, industry roles, and career stages over time
- Developed the first Shannon-Weaver Diversity Index, using it to measure and compare diversity levels across multiple conference themes, identifying trends in gender and role distribution
- Collaborated with a team to create data visualizations and reports, presenting findings that informed strategies for improving diversity and inclusion at future events

## **Lippe Taylor Group**

*Finance Intern*

**New York, NY**

*August 2022 – 2023*

- Systemized vendor communication in accounts payable, reducing response time to 2 days and improving vendor relations and on-time payments
- Reconciled 2 years of records and 3 monthly general ledgers for 50+ credit cards
- Represented finance in a simulated brand launch, managing \$250,000 in budget and cost distribution
- Recognized by senior leadership for proactively improving workflow efficiency

## **Employment**

### **Davidson College Alvarez Student Union**

*Building Manager*

**Davidson, NC**

*August 2022- December 2024*

- Led a team of 10 information desk workers, analyzing team performance to optimize event organization for up to 150 attendees
- Oversaw building troubleshooting, demonstrating strong planning and organizational skills
- Managed cash boxes with precision, ensuring compliance with financial and regulatory standards

*Information Desk Worker*

*August 2021-May 2022*

- Administered multi-line phone systems, directing inquiries efficiently and enhancing operational flow
- Managed the lending and return of materials and equipment, ensuring compliance with campus policies
- Recorded and cataloged lost items with detailed information, streamlining the recovery process

## **Volunteer Experience**

### **Eco Caminhos**

*Volunteer*

**Rio de Janeiro, Brasil**

*November-December 2024*

- Tracked personal and volunteering cost expenses and presented cost distribution to Alvarez Grant Committee (Issued by Davidson College)
- Engage in hands-on sustainable farming practices, focusing on permaculture and agroforestry techniques to support ecological development
- Collaborate to implement renewable energy solutions and eco-friendly living practices

### **Asociación de Voluntariados Para el Servicio de Áreas Protegidas (ASVO)**

*Volunteer*

**Montezuma, Costa Rica**

*July-August 2019*

- Led beach cleanup operations, removing 200 pounds of plastic and debris to safeguard marine habitats
- Monitored 20 turtle nests and facilitated egg hatching to support conservation efforts for 3 turtle species
- Expanded the turtle hatchery by 2 meters, constructing 1m protective walls to improve safety

### **HABITAT para el Ecuador**

*Treasurer of Volunteer Committee*

**Quito, Ecuador**

*September 2018-May 2019*

- Managed the budget, tracked expenses, and optimized costs for multiple fundraising initiatives, raising \$14,000, having exceeded our goal by \$4,000
- Contributed to the construction of an 80-squared-meter house by coordinating resources and overseeing project costs
- Recruited 10-15 new volunteers, expanding the team and strengthening future fundraising efforts

## **Skills**

- **Data Analysis:** Experienced in using Stata, R, Cypher, Python for data analysis
- **Economic Analysis:** Applied econometric and statistical methods to assess economic outcomes
- **Finance:** Card and bank reconciliation, experienced using Aqua/Advantage accounting software
- **Software Proficiency:** Microsoft Office (Excel, PowerPoint, Word, Outlook, OneDrive) and Google Suit
- **Languages:** Bilingual in Spanish and English