

# Erick Fernando Bohnenblust

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ebohnbn@gmail.com ▪ linkedin.com/in/ebohnbn ▪ ebohnbn.github.io  
US citizen & Registered in Selective Service

## WORK EXPERIENCE

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### **National Railroad Passenger Corporation – Amtrak**

*Senior Revenue and Capacity Analyst*

Washington, DC

September 2022 – Present

Revenue optimization by setting inventory allocation strategies based on market analytics, statistical and performance indicators, big-data research, demand modeling and data visualization. Thanks to teamwork, we successfully exceeded ridership and revenue goals by 30% beyond the initial plan during the current fiscal year.

Individually, I was able to persuade the directors of revenue management, the approval and implementation of my strategic recommendations in the long distances' routes that were assigned to me. Such informed decisions allowed me to successfully exceed the monthly ridership and revenue average by 42% in comparison with data from pre and post Covid pandemic age.

### **Internal Revenue Service – IRS**

*Account Management Specialist*

Denver, CO

August 2022 – September 2022

- I managed taxpayers' contacts by providing general information on tax law, available resources, account inquiries, adjusting and updating tax accounts.

### **California Polytechnic State University**

*Research Assistant.*

San Luis Obispo, CA

September 2021 – June 2022

- *Research Assistant.* World Bank Research Project: "Improving Public Sector Productivity in Malaysia." My team and I collaborated in the literature review, collected, organized, and cleaned proprietary datasets, using Python and Stata. Additionally, I analyzed the data collected by applying statistical/econometrics techniques and methodologies for interpreting information and reporting substantive research and analytical work in written issue reports.

Individually, I gathered and shaped available data for modeling the impact of public sector productivity improvement in the economy, concentrating more on the effects on economic growth. Due to integrity and accuracy, my dataset was used in 45% of the total data required for the project modeling.

- *Research Assistant Fellow.* Working Research Project: "Spending Response to Extreme Weather." I participated in the literature review and the preparation of a preliminary report of findings related to data analysis using the National Health and Nutrition Examination Survey NHANES databases by applying Python and R.

### **Florida International University**

*Instructional Assistant.*

Miami, FL

June 2020 – December 2020

I assisted students with in-class activities and tutoring sessions of Precalculus, Algebra, and Trigonometry. Also, I collaborated on grading students' assignments, projects, and quizzes.

## EDUCATION

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**California Polytechnic State University**  
*Master of Science in Quantitative Economics*

San Luis Obispo, CA  
June 2022

- Relevant Coursework: Mathematics for Economic Analysis, Statistics for Econometrics, Advanced Econometrics I, Advance Econometrics II, Microeconometrics, Microeconomics Analysis, Computing and Machine Learning for Causal Inference, Dynamic Stochastic Modeling, Evidence-Based Decision Analysis, Economics Research and Communication.

**Florida International University**  
*Bachelor of Science in Economics*

Miami, FL  
December 2020

- Relevant Coursework: Mathematical Economics, Statistics, Econometrics, Measurement and Data Analysis of Economic Activity, Quantitative Economics, Intermediate Microeconomics, Intermediate Macroeconomics, Financial Accounting.

## SKILLS

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- Languages: English, Spanish.
- Excellent skills in communicating results found in qualitative and quantitative data analytics.
- Programming: R, Python, MATLAB, SQL, Stata, Latex, Cloud Computing, Excel, Microsoft office.

## LEADERSHIP

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**California Polytechnic State University**  
*Learning Assistant, Instructional Assistant.*

San Luis Obispo, CA  
August 2021 – December 2021

- *Instructional Student Assistant.* Survey of Economy class. I guided students on assignments through tutoring sessions. Additionally, I graded assignments, midterm, and final exams.

**Florida International University**  
*Learning Assistant of Precalculus, Algebra, and Trigonometry.*

Miami, FL  
Fall 2020

- I assisted students with in-class assignments, projects, and weekly tutoring sessions. In addition, my team and I developed a project/strategy for students' learning improvement, which improved 50% of students' grades.

*Economics Undergraduate Student Club / Treasurer and Cofounder.*

Spring 2020

- I administered club funds and developed fundraising ideas, increasing donations by more than \$25,000. I participated with fellow students in organizing academic activities/presentations and recruitment events, achieving up to 2 academic activities and presentations per week. One of the most notorious participants was the Senior Vice President and World Bank Group Chief Economist, Dr. Carmen Reinhart.