

# Bonang N. Seoela

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*Last Updated: August 1, 2023*

Full Names: Bonang Nathanael Seoela

Residency: U.S. Permanent Resident

## EDUCATION

### Indiana University

*PhD Economics*

Aug 2022 – Present

*Bloomington, IN*

### Boise State University

*Masters of Science in Economics*

Aug 2018 – May 2020

*Boise, ID*

Thesis Title: [“The Effect of South Africa’s Monetary Policy Shocks within the Common Monetary Area”](#)

### The College of Idaho

*Bachelors of Science in Mathematics and Physics with a Minor in Business*

Aug 2014 – May 2018

*Caldwell, ID*

### Waterford Kamhlaba United World College

*International Baccalaureate Diploma*

Jan 2012 – Nov 2013

*Mbabane, Eswatini*

## RESEARCH INTERESTS

Labor Economics, Macroeconomics and Finance

## TEACHING

Teaching Assistant, Econ-303 Intermediate Microeconomics

Spring 2020

Teaching Assistant, Econ-202 Principles of Microeconomics

Fall 2019, Spring 2020

Teaching Assistant, Econ-511 Advanced Microeconomic Theory I

Fall 2019

Teaching Assistant, Econ-455 Behavioral Economics

Fall 2019

Lab Instructor, ITM 105 Spreadsheet Topics

Fall 2018, Spring 2019

Lab Instructor, ITM 106 Database Topics

Fall 2018, Spring 2019

## PROFESSIONAL EXPERIENCE

### Labor Economist

Aug 2020 – Jul 2022

*Idaho Department of Labor*

*Boise, ID*

- Conducted in-depth research and analysis on labor market trends, including employment rates, wage growth, and workforce participation.
- Developed and implemented econometric models to assess the impact of labor market policies on employment outcomes.
- Collaborated with internal teams to design and execute surveys and data collection efforts to gather relevant labor market information.
- Produced comprehensive reports and presentations on labor market trends and policy recommendations for internal and external stakeholders.
- Assisted in the formulation and evaluation of labor market policies, providing expert guidance based on economic analysis.

### Graduate Research Assistant

Aug 2018 – May 2020

*Boise State University*

*Boise, ID*

- Assisted faculty members in conducting economic research projects, providing support in data collection, cleaning, and analysis.
- Conducted literature reviews and synthesized research findings to contribute to the development of academic papers.
- Used statistical software (e.g., R, Stata) to analyze and interpret economic data, ensuring accuracy and reliability of results.

### Data Science Intern

May 2019 – Nov 2019

*Albertsons Companies*

*Boise, ID*

- Assisted in developing predictive models and analyzing large datasets to identify patterns and generate actionable insights.
- Conducted data cleaning, preprocessing, and exploratory data analysis to ensure data quality and accuracy.
- Collaborated with cross-functional teams to develop data-driven solutions to business challenges, improving operational efficiency.
- Implemented statistical algorithms and machine learning techniques to build predictive models for forecasting and optimization purposes.
- Communicated findings and recommendations to stakeholders through clear and concise reports and visualizations.

### Financial Analyst Intern

Aug 2017 – Dec 2017

*Second Wave Capital Management*

*Remote*

- Supported the acquisition team in conducting due diligence, market research, and financial analysis for potential mergers and acquisitions.
- Assisted in the evaluation of financial statements, performing valuation analyses, and preparing financial models to support decision-making processes.
- Conducted industry research and benchmarking studies to identify potential acquisition targets and assess market opportunities.
- Prepared presentation materials and reports to communicate findings and recommendations to senior management.

## AWARDS AND HONORS

President's Diversity Fellowship, *Indiana University*, 2022 - 2027

Economics Department Signature Student, *Boise State University*, Fall 2019

Vice President of University Advancement Research Award, *Boise State University*, Spring 2019

John J. and Ethel C. Chapman Graduate Economics Fellowship, *Boise State University*, 2019 - 2020

Economics Department Graduate Research Assistantship, *Boise State University*, 2018 - 2020

Shelby Davis Foundation Scholarship, *The College of Idaho*, 2014 - 2018

Gipson Fellowship Scholarship, *The College of Idaho*, Spring 2016

## RESEARCH

### JOURNAL PUBLICATION

1. Seoela Bonang. (2022). Efficacy of monetary policy in a currency union? Evidence from Southern Africa's Common Monetary Area[J]. *Quantitative Finance and Economics*, 6(1): 35-53. [Link](#)

### DEPARTMENTAL REPORTS

1. Why are home prices across Idaho Cities rising faster than the national average?. *Idaho Department of Labor*. 2022. [Link](#)
2. Idaho's center of population continues westward shift. *Idaho Department of Labor*. 2022. [Link](#)
3. Idaho beef industry showing marked recovery. *Idaho Department of Labor*. 2021. [Link](#)
4. A closer look at Idaho's financial activities sector in the past decade: A shift-share analysis. *Idaho Department of Labor*. 2020. [Link](#)

### RESEARCH IN PROGRESS

1. "Impact of Air Quality Regulations on Entrepreneurial Activity." (with Samia Islam)
2. "The Effect of Homeownership on Unemployment Rate: A Nonlinear Panel ARDL Analysis." (with Ben Albert)

## TECHNICAL SKILLS

**Computer Programming:** Python, C/C++, SQL, R, VBA, Machine Learning

**Tools & Software:** Excel, Access, MATLAB, L<sup>A</sup>T<sub>E</sub>X, EViews, STATA, Tableau, Power BI

\* ALL References are available upon request