

# Michael Dalton

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## PROFESSIONAL SUMMARY

Economist with more than a decade of experience building linked datasets, designing surveys, and producing research for nationally published statistics. Work spans public-private data partnerships, causal inference, machine learning, production automation, Python, R, Stata, and SQL.

## EXPERIENCE

### Research Economist

2013–Present

*United States Bureau of Labor Statistics*

- Led data-linking projects combining public and private datasets, including Burning Glass and Paycheck Protection Program data, to study labor-market questions.
  - Work quoted by *The New York Times* and published in *National Tax Journal*.
- Designed and implemented an award-winning survey measuring telework impacts.
  - Cited by [CNBC](#) and presented at [Stanford University](#).
- Developed [Business Response Survey](#) statistics on employers' pandemic responses.
  - Cited by *The Wall Street Journal* and presented at the [NBER Summer Institute](#).
- Applied difference-in-differences, regression discontinuity, synthetic controls, and machine learning to linked labor-market data, including [NBER workforce-development research](#).
- Automated statistical production processes, reducing production time and improving public economic indicators.

## LEADERSHIP & MANAGEMENT

- Led wage-record industry coding and analysis for state government labor-market stakeholders.
- Directed a machine-learning team using scikit-learn, PyTorch, and TensorFlow to integrate external datasets and explain results to technical and nontechnical audiences.
- Managed a rapid-response COVID-19 research team and automated processes for timely survey-statistics releases.
- Presented economic analyses to leaders at the Bureau of Labor Statistics, Census Bureau, Department of Labor, and Small Business Administration.

## INDUSTRY & NONPROFIT ENGAGEMENT

- WorkCred Advisory Committee: advised on measurement of workforce credentials.
- Negotiated data-sharing agreements with NASWA to support labor-market analysis.

## EDUCATION

**PhD in Economics**, Duke University

May 2013

**Bachelor's in Economics, Minor in Mathematics**, Virginia Tech

December 2006