

Alessandro Conway

Economist / building integrated labor market intelligence

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STATEMENT

Models labor markets in enough detail to answer the workforce questions employers and states face, down to a single facility or training program. Research on AI and skills; finishing a PhD on regional economies as ecosystems.

EXPERIENCE

Radius Intelligence / Head of Data Science and Engineering (now advisory)

May 2025–Present

Built the company's data and research function from zero, on my own.

- *Research agenda*: skills-task production function measuring AI's effect on labor markets, calibrated on real AI-usage data and validated against observed employment; migration and mobility flows across jobs and geography.
- *RI Labs*: labor market intelligence for every US occupation and state, with opportunity scoring, supply-demand gaps, and similarity clustering; a digital twin of regional employer and training-provider dynamics, grounded in flow-based economics.
- *RI Technologies*: workforce planning and forecasting system, with blueprints for new facilities that have no HR history; a digital twin for facility-level analysis, skill make-up, and talent availability.
- *Data layer*: 200+ federal, commercial, employer, and academic sources reconciled across every US occupation and geography; an LLM engine mapping any job title to a canonical taxonomy and federal code.

Jobs for the Future / Senior Manager (from Apr 2024), Program Manager

Jan 2022–Apr 2025

- Led Verizon's initiative to place 500,000 underrepresented people into quality careers; managed a team of 3 and secured six-figure expansion funding.
- Led JFF to sign the Global Solutions Initiative *Call for Action*, taking the work to G20 and G7 audiences.
- Led one of the earliest national AI job-displacement studies, on in-demand and at-risk skills.
- Built the US Regional Green Workforce Readiness Dashboard, featured in JFF's national press launch, and an occupational segregation tool guiding JFF's green workforce strategy.

OFCE and Banque de France / Research Assistant, then Research Intern

2019, 2021–2022

- Built a multilingual fiscal policy budget database to estimate fiscal multipliers.

SELECTED PUBLICATIONS

- *Wellbeing and macroeconomics: a SAGE approach*. Oxford's *Social Macroeconomics*, 2020.
- Working papers: *When to raise taxes* (2026); *AI exposure at three levels* (2026); *Where occupations move* (2026); *Where workers come from* (2025); *A shock reveals the structure* (2025); *A regional economic development ecosystem framework* (2024); *The anticipation content of fiscal policy* (2021).
- JFF: *Unlocking the promise of AI for Black learners and workers* (2025); *How employers can prepare workers for an AI-driven economy* (2024); *Unequal opportunities: quality and diversity in green jobs* (2024); *Investing in inclusion and impact across the learner journey* (2023).
- *From observation to action: multidimensional wellbeing in economic models*, Global Solutions Initiative.

AI

Used daily for code, analysis and drafting, with every output checked.

EDUCATION

Université Paris 8

PhD in Economics

2024–Present

Essays on resilient economic development, an empirical ecosystem approach.

Supervisors: Thibault Darcillon and Matteo Cavallaro (Paris 8), Francesco Saraceno (Sciences Po/OFCE).

Sciences Po

MPhil in Economics

2018–2020

Fulbright Scholar. Engaged with senior policy audiences through the Fulbright and Sciences Po networks. Thesis supervised by Xavier Ragot (OFCE); published in Oxford's *Social Macroeconomics*.

University of Pittsburgh, Honors College

BPhil, Economics and International Studies

2013–2017

Summa cum laude. Brackenridge Fellow.

TEACHING

Sciences Po School of Public Affairs.
INSEAD. Northwestern University.

Jun 2020–Present

SELECTED TALKS

Research seminar, Université Paris 8 (2025); Green Workforce Readiness Dashboard workshops for mayors and workforce boards (2024); Verizon initiative presented to its Board of Directors (2024).

WRITING

Substack on regional economic development:
alessandroconway.substack.com

LANGUAGES

Native: Italian, French, English, Spanish.
Conversational: German.

STACK

Python, SQL, R, Julia, MATLAB/Dynare, Stata. Postgres, dbt, Supabase, Git, LaTeX.