ECONorthwest
ECONOMICS · FINANCE · PLANNING

Education

B.S. Economics, University of Oregon

Years in Industry: 4

Years at Eco: 1

Areas of Expertise

Development and Transportation, Education and Social Policy

Spencer Keating, Senior Analyst

Spencer Keating joined ECONorthwest as an Analyst in 2021. Spencer specializes in data analysis and software development. Prior work experience includes quantitative analysis on affordable housing and development, demographic analysis, and data analysis. Spencer is experienced in Python and leverages those skills to facilitate data visualization, analysis, and reporting.

REPRESENTATIVE PROJECTS

Spencer has served as Analyst on the following projects, unless otherwise noted:

- **Disability Benefits 101 Calculator - Various (Ongoing).** Supporting development and maintenance of online disability benefits estimation tools for DB101, including School and Work and Benefits and Work in multiple states.

- **Development and Maintenance of Helper Sites—Various (Ongoing).** Supporting programming development and maintenance of online benefit calculators and pre-screeners that estimate eligibility for various state, local, and federal benefit and social assistance programs for multiple states and counties. Online tools include LACountyHelps and Arizona Self Help.

- **California Commercial Lands Housing Policy Evaluation (2021).** Supporting development of pro forma models to identify eligible and feasible development locations under proposed SB6 in California. Testing influence of zoning data, local jurisdiction policy, and site definitions on predicted feasible units. Using MapCraft to visually summarize feasibility findings.

PRE-ECONORTHWEST PROJECTS

- **Western Economic Services—Portland, OR (2019-2021) Data Analyst.** Built robust data analysis and reporting pipelines in Python. Developed and implemented new functionality for client dashboards. Managed and improved existing production processes by identifying inefficiencies and implementing fixes to resolve them. Designed and built a new client deliverable and the requisite production pipeline. Enhanced quality and scope of client deliverables by building data pipelines to produce high-quality visualizations and narrative. Supported clients with timely and insightful Ad-Hoc data analysis.

- **Western Economic Services—Portland, OR (2018-2019) Research Assistant.** Responsible for production and accuracy of multi-volume Demographic profiles of client jurisdictions. Enhanced existing ETL processes to increase survey result reporting efficiency. Extracted valuable insights from large datasets in the form of narrative and visualizations. Automated routine processes to increase reporting efficiency for internal stakeholders. Cleaned and organized data for storage and future analysis.