

Andrew Mollica

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SKILLS

DATA ANALYSIS

R, Python, SQL

DATA VISUALIZATION

D3.js, ggplot2, hand
sketching

MAPPING + GEOPROCESSING

QGIS, PostGIS, Tilemill,
Leaflet

WEB DEVELOPMENT

HTML/CSS, JavaScript

LANGUAGES

English,
intermediate Russian

EXPERIENCE

Bureau of Labor Statistics | Economist, Employment Projections

2014 – CURRENT | WASHINGTON, D.C.

Help create the numbers behind the Occupational Outlook Handbook, a widely published career guidance resource for job seekers | Create and analyze econometric models used to forecast personal consumption in the United States | Research macroeconomic trends affecting the job outlook | Build tools and visualizations to help parse the large amounts of data we review regularly | Update data on our website

University of Wisconsin– Madison | Research Assistant

2012 – 2014 | MADISON, WI

Co-authored and presented research with supervising professor on the economic development on American Indian Reservations looking at how culture, tribal law, casinos and oil impacted economic growth | Research tasks range from processing large geographic datasets to collecting data from physical crime records from the 1930's and 40's.

Power System Engineering | Economics Intern

2011 – 2012 | MADISON, WI

Helped large electricity providers create programs to improve energy efficiency, reduce power outages and forecast future demand for electric power | Collected and managed large datasets used in designing and evaluating these programs

EDUCATION

University of Wisconsin– Madison

2014

Master of Science in Applied Economics

Concentration in Development and Environmental Economics

2012

Bachelor of Arts double major in Economics and International Studies

Concentration in Russian Language and Cultural Studies

Graduated with Distinction

AWARDS

AAEA Outstanding Master's Thesis Award, 2015

OECD Visualizing Well-being Data Visualization Contest Winner, 2015
Best Interactive Data Visualization