Dakota McCarty

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Profile

Creative **International Political Economy** Graduate offering a versatile but focused skill-set, a balance between creative and analytical qualities with an emphasis on quality-driven work. I crave knowledge and have studied around the world learning about business, statistics, and economics.

Education

08/2016 – present

PhD Public Policy, Political Economy
The University of Texas at Dallas, Dallas, USA
Areas of Concentration: Development of East Asia

08/2015 – 12/2016

M.S. International Political Economy
The University of Texas at Dallas, Dallas, USA
Areas of Concentration: International Business and Trade; Public Policy and Development; Statistical Methods and Research Design.

05/2014 – 08/2015

B.A. International Political Economy
The University of Texas at Dallas, Dallas, USA
Area of Concentraion: Internatioanl Businese and Trade; Policy Development

Work experience

11/2016 – present

Translator and Advisor
Toyota, Plano, TX

At Toyota, I am in charge of translation of important legal and policy documents between the Japanese, French, Spanish, and English languages. As well, working directly with the executives of the quality department I have played a large role in the overall functioning of the organization. While here, I have engineered more efficient processes in scheduling, tracking, and overall organization of the department with advanced computer coding, using macros, Java, Python, and C++.

I have also played an important role of advising policies at the micro level to increase productivity and work flow. Through this multifaceted position, I have gained new real-world experiences in coding and planning a community on a small to medium scale, as well as working in an environment that is rapidly changing and progressing.

05/2015 – 12/2016

Professor
The University of Texas at Dallas, Dallas, TX

While a graduate student at the University of Texas at Dallas, I was fortunate enough to have the opportunity to teach my own undergraduate classes in economics, and international business. I was required to develop my own syllabus, lesson plans, and presentations for my class.

This position was challenging and rewarding as I got to have hands on experience in teaching at such a high level.

08/2014 – 11/2016

Research Associate
The Institute for Urban Policy Research, Dallas, TX

At the Institute for Urban Policy Research I used my skills learned in the classroom and applied them to real life situations. I was known as the "map guy" in the office due to my advanced mapping and spatial analysis coding skills using ESRI-ArcMap. With the aid of ArcMap, R, and Stata I was able to provide visual feedback to problems that we were tasked to resolve.

The area that the institute touched the most was program design, implementation, and evaluation. While working on these projects I have gained unparalleled skills in qualitative research. Not only did I learn how to efficiently create and implement a survey, but also how to navigate the IRB policies and rules. This was my favorite part of the job as it allowed me to go into the field frequently to perform data collection.

A large part of my job was literary research. I was tasked many times to write literary reviews that would lead into the data analysis that I was many times apart of.

I was able to contribute to the institute's success with new processes for data entry and

Work experience

organization and storing of data to able the processes to flow more smoothly and efficiently. As well, my creative side came as an advantage with visualization of data in a friendly manner that the average citizen could understand.

08/2013 – 11/2015

English Instructor
Freelance, Dallas, TX

During this time I was a freelance English teacher and worked with many organizations, schools, and businesses to teach the English language and American culture.

Many of the locations that I was teaching did not have many resources, meaning that I had to supply many of the books and lesson plans. This was a pro and a con, a con due to the much larger work load, but a pro due to me being able to grow in my position. I have the confidence now to design and implement any lesson plan, even on short notice.

The class sizes ranged from 1on1 to up to 35 students. As well, the ages of the students varied just as much being from young children to working business professionals.

06/2013 – 01/2014

TEFL Teacher
CELCUM, Mexico City, MX

At CELCUM, I began the position as an English teacher and quickly transformed into a greater role helping with marketing and economic research for the company. In this position I was primarily tasked with implementation of lesson plans, and teaching groups of 20–25 students (various ages). I was tasked with on–site and off–site teachings and frequently went on–site to corporations to provide English language and American Business Culture courses.

As well, I helped the company in determining the greatest areas to place advertisements for the company based on economic and social variables. As well, I helped the organization map student commuter patters to better plan where to build a new location. Due to the lower budget of this school, I implemented the use Quantum GIS in lieu of ArcMap. For this, I became a trainer in the software to teach basic skills, to allow the processes that we were using to continue long before I left the temporary position.

Certifications

05/2016

TEFL Certificate
EF Schools

150 hour course.

05/2016

Seoul Case Study Program
The University of Seoul

Volunteering

01/2013 – 01/2016

Translator
International Peace Bureau, Geneva, Switzerland

08/2014 – 08/2015

Elected Member
Student Organization Funding Advisory Board, Dallas, USA

05/2012 – 05/2014

Young Professionals Representative
The United Nations Association, Dallas, USA

Skills

Languages

French	●●●●●
Japanese	●●●●●
German	●●●●●
Spanish	●●●●●
Mandarin	●●○○○
Python	●●●●●
C++	●●●●○
Java Script	●●●●○

Technical Skills

Classroom Management	●●●●●
Lesson Planning	●●●●●
Grant Writing	●●●●●
Microsoft Excel & Word	●●●●●
Stata/R	●●●●●
ArcMap/Quantum GIS	●●●●●
Macros	●●●●○
SQL	●●●●○

Publications and Projects

05/2016

Namsan vs. Eiffel – Gentrification in Seoul, South Korea (presentation)
University of Seoul

This presentation came after months of research and participating in the Seoul Case Study Program. My mixed methods research found that a large majority of Seoul has suffered from government led gentrification. In this presentation, I compared the urban renewals of Paris where culture is the center of the renewal, to that of Seoul where growth and renovation are the center of urban renewal processes. The presentation, and class paper, go into the timeline of changes in Seoul and discuss its unique nature compared to other countries in the world.

05/2015

Assessing the Well-being of Children in the North Texas Corridor
Children's Health

A book of selected indicators to show the overall well being of children in the North Texas corridor. The book went into social, economic, criminal, and other various factors to paint a broad picture of the situation for children in the corridor.

11/2015

Dallas Domestic Violence Taskforce Annual Summary Report: 2014-2015
NNIP

This article was second of its type funded by the City of Dallas via a grant to study the impact of the criminal system, and domestic violence shelter systems in the city. We looked at a wide range of factors with a mixed methods report to give somewhat of a progress report for the city as well as policy recommendations.

11/2014

Dallas Domestic Violence Taskforce Annual Summary Report: 2013-2014
City of Dallas

This article was first in what is planned to be a yearly report, funded by the City of Dallas via a grant to study the impact of the criminal system, and domestic violence shelter systems in the city. We looked at a wide range of factors with a mixed methods report to give somewhat of a progress report for the city as well as policy recommendations.

Subjective Well-Being: A Study of Homeless LGBT Youth in Dallas
Project

This project was done as an undergraduate student at the University of Texas at Dallas. Using qualitative data research via surveys throughout the city, and national surveys we determined that the well-being of the homeless LGBTQ in Dallas was actually higher than that of other homeless. We determined this to be due to the "community" factor, in other words, due to the way that the LGBTQ community forms bonds with others and gives support. The LGBTQ reported having greater trust and support group of peers who were similar to themselves.

Conferences

Conference on Crimes Against Women 2016 – April 2016
Conference Worker and Interviewer

National Neighborhood Indicators Project: Dallas Conference – Oct 2015
Presenter

Conference on Crimes Against Women 2015 – March 2015
Conference Worker and Interviewer

China, The United Nations, and Human Rights – June 2014
UN Association Dallas Chapter Reporter

Lecture: The State of Europe – April 2014
UN Association Dallas Chapter Reporter

The Political Economy of International Money – April 2014
UN Association Dallas Chapter Reporter

Courses

- Theories of Teaching English as a Foreign Language (University of Texas at Dallas)
- Linguistics (University of Texas at Dallas)

- Machine Learning (EdX, Columbia University)
- Machine Learning for Data Science and Analytics (EdX, Columbia University)

Courses

- Bayesian Statistics (Coursera, Duke University)

- International Political Economy (University of Texas at Dallas)
- Politics of East Asia (University of Texas at Dallas)
- Theories and Issues of Development (University of Texas at Dallas)
- Economics for Public Policy (University of Texas at Dallas)
- Urban Development (University of Texas at Dallas)
- Applied Regression (University of Texas at Dallas)

- Découvrir la Science Politique (EdX, Louvain University)
- Foundations of Development Policy (EdX, MIT)