

Brutus B. Buckeye

Brutus.1@ohiostate.edu / xxx-xxx-xxxx

Street Address

Link to Linked-In Profile

Education

The Ohio State University (Columbus, OH)

Bachelor of Science in Mathematics and Bachelor of Science in Economics

Expected May 2017 – GPA: 3.218 - 2-term Dean's List

Related Skills:

- Experienced in data science projects in STATA (cleaning, munging, data visualization, modeling)
- Programming proficiencies: Python, R, MATLAB, LaTeX, Java
- Microsoft Word, PowerPoint, Excel (cleaning, complex calculations, data visualization, pivot tables)
- Fluent (Speaking, Reading, Writing): Mandarin Chinese

Work Experience:

Research Assistant at The Ohio State University (Columbus, OH) – February 20xx-May 20xx

- Designed programs for the automatic correction of erroneous data entries in datasets created from running original character recognition software on scanned documents
- Utilized metadata and statistical methods to find probable correct forms of entries in data; Tested error correction program on newly acquired data to verify accuracy
- Cleaned, collated, reshaped data for the Cross-National Patterns and Predictors of Life-Course Smoking Project; Prepared data requests in English and Chinese for submission to Mainland China and Taiwan
- Translated and transcribed data from ledgers and documents in Chinese and English into Excel; Converted programs in SAS code to STATA for data preparation

Extern at Office of the Chief Economist, US Patent & Trademark Office (Alexandria, VA)– Summer 2016 –

- Designed STATA programs to discover, collate, clean, reshape, and combine multiple datasets of in-house raw data, up to 65mil rows at a time, to construct databases of patent information and intellectual property
- Implemented programs in STATA for resolving datasets with disparate formatting, as well as automatic discovery and correction of erroneous data and automatic metadata resolution
- Developed database design concepts for merging existing datasets of inventors, patent owners, and their inventions
- Created cross-references mapping cooperation between inventors and their inventor teams, with the patent owners they worked on behalf of.

- Prepared official reports on analysis of international trends in patent/invention rates, with regular reports on work to superiors
- Compiled a comparative analysis of development by inventor teams from seven countries, published in a USPTO data brief

Intern - Congressional-Executive Commission on China (Washington, DC) – Summer 2014, Summer 2015

- Conducted research, prepared reports, and reviewed material on human rights complicity in mainland China from sources in Chinese and English; Assisted Commission staff in preparing for two Congressional hearings

Student Involvement:

Undergraduate Economics Society at The Ohio State University – Director of Social Media – September 20xx-April 20xx

- Managed the advertising program; revamped both social media and poster campaigns for a sustained increase in membership of ~50% in Autumn 2016/Spring 2017 semester attendance over the Spring 2016 attendance