Joshua Ellis

Data Analyst

Personal Info

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Date of birth
1992-01-24

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Software

- R / Python
- HTML / CSS / JavaScript
- PostgreSQL
- ArcGIS / QGIS
- Microsoft Office

Skills

- Econometric Methods
- Research Analysis
- Data Visualization
- Web Development
- Product Management
- Database Systems
- Attention to Detail

Motivated Data Analyst seeking an opportunity to leverage my diverse skills and experience in data mining and analysis into the open data analyst position at your company. A master's degree in Economics coupled with my ample experience in analytics will make me a positive asset to your organization.

Education

SUNY at Albany, **M.A. in Economics**   09/2015 — 12/2017
- **Concentrations:** Spatial Analysis and Public Administration.
- **Capstone**: 11,000 word study on spatial diffusion and inclusive growth.

SUNY at Oswego, **B.A. in Economics**   01/2010 — 05/2014
- **Minor**: Peace and Conflict Studies
- **Accomplishments**: Dean's List (2010-2012), President's List (2014), Robert Brian Ellis Scholarship (2012)

Selected Academic Research

ECO689: Master's Essay, SUNY Albany
Title: *Spatial Diffusion and Inclusive Growth across US counties*

- Explored the spatial diffusion for the socioeconomic factors of inclusive growth via poverty segregation. The featured methodology is the robust spatial Durbin model. Main techniques used include data collection and reduction, spatial cluster analysis and spatial regression analysis.

PLN544: Transportation Planning, SUNY Albany
Title: *Planning for Technology: Where Should We Start?*

- A collaborative consulting report on the latest tech innovations in transit and how they can be applied to the carpooling industry. Main roles in the project include GIS mapping, data collection, and literature review.

ECO580: Program Analysis and Evaluation, SUNY Albany
Title: *Urban Density Spatial Modeling and the Housing Bubble*
- A spatial analysis on the change in of the urban density for 6 Metropolitan areas during and after the Housing Bubble. Featured methodology was the spatial Error model. Analyses used were linear regression, Hot-spot analysis, and spatial regression. Tools used were R, ArcGIS, and GeoDa.

Selected Professional Experience

Social Events/Community Intern
citysocializer   08/2014 — 08/2015
- Created and hosted 2-3 social events every week in New York City venues
- Online outreach: social networking, event promotion, and brand promotion
- Implement strategies to expand influence

Economics Tutor
Office of Learning Services at SUNY Oswego   09/2011 — 05/2014
- Designed and developed individualized tutoring strategies for student skill levels
- Engaged in dialogue and assisted with classwork/quizzes/exams review
- Communicated with professors regarding course material
- Mentored new and incoming tutors