

Matthew R. Johnson

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EDUCATION

Iowa State University (ISU) – College of Liberal Arts & Sciences

- Bachelor of Science: Interdisciplinary Studies, Systems Science – GPA 3.33 on a 4.0 scale
- Expected Bachelor of Science graduation date: May 2017

RELEVANT COURSEWORK

- Mathematical Proofs
- Probability Theory I & II
- Stochastic Geometry & Processes
- Chaos Theory
- Game Theory
- Experimental Economics
- Systems Science I & II

WORK EXPERIENCE

Research Assistant, Department of Economics, Iowa State University – Spring 2017

- Economic data collection/analysis via the Bureau of Labor Statistics, U.S. Census Bureau, Minnesota Department of Employment and Economic Development, and Minneapolis Trends Report.

Policy Intern for Council Member Blong Yang, 5th Ward Minneapolis – Summer 2016

- Traffic Study – Designed study and used data collection/analysis to address constituent complaints of local driving habits. Compared findings with the Minneapolis city engineer's findings.
- Webpage Design – Redesigned homepage with HTML 5 for optimizing data accessibility for local businesses, and constituent experience.

LEADERSHIP & AWARDS

The Harry S. Truman Scholarship Selectee for Iowa State University - Fall 2015

Kent and Lou Ann Gerhard Sandburg International Travel Scholarship - Summer 2015

Stanley Global Leaders Scholarship - Summer 2015

Peer Mentor/Teaching Assistant: Community Leadership and Public Service Program - Fall 2014/Spring 2015

- Assist and facilitate in-class lesson activities
- Helped develop new lesson plans for CLPSx 122: *Leading with a Purpose*
- Help facilitate and support student veterans and their transition from the military to the civilian context.

RELATED PROJECTS

Portfolio – www.urbandynamics.blog/portfoliopage

Undergraduate Thesis, Emergent Clusters in Economic Systems (Working) – 2015 to Present

- Developed scientific hypothesis from data collection, observations and analysis via mathematics/modeling.

Research Paper, Utilizing DSRP to Analyze Economic Systems Thinking (Working) – 2016 to Present

- Developed paper thesis and research methodology (paper is currently in IRB approval stage).

COMPUTER SKILLS

Languages and Software

- C++ programming language
- HTML5
- Microsoft Office: Excel, PowerPoint, Word
- ESRI ArcGIS
- MATLAB
- R2015