**Connor P. Jennings**

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**Education**

2011 – Present **Iowa State University of Science and Technology** Ames, IA

*M.S. Industrial Engineering, B.S. Industrial Engineering, B.S. Economics, Statistics Minor*

3.24 Cumulative GPA (Completed 136.5 hours)

2013-2014 **Abu Dhabi Department of Economic Development** Abu Dhabi, UAE

*Study Aboard – Studied the UAE economy and the challenges it faces*

**Work Experience**

2014 **NewLink Genetics – Financial Planning and Analysis Intern** Ames, IA

* Deconstructing and evaluating investment bank financial models
* Build hybrid models for in-house evaluation of value of products pre-market launch
* VBA reporting tools that automatically update and email out to executives.

2013-2014 **Center for E-Design – Researcher/Business Analyst** Amherst, MA

* Designed a Excel Add-on to utilize Monte Carlo Simulation to model cost projections and other outcomes to aid in the business decisions process
* Combining the research of two Post-Docs, one in modularity and complexity management and the other in obsolescence to maximize product design.
* Partnering with companies in industry through The Center for E-Design

2013 **Iowa State Industrial Engineering Department – Programmer**  Ames, IA

* Programmed a four year college course planner in Excel using VBA
* Allows users to input desired schedule and analyzes if it meets all graduation requirements
* Created an application for advisors to collect projected courses and estimate class sizes

**Freelance Statistical Consulting**

2014 **Engineering Career Services at ISU** Ames, IA

Created an R Shiny application to display historic employment data at CyHack. Application allowed users to control an interactive map that filters out employment data based on location, major, and degree level and display job title and employer. Placed in top 6 and was hired by the Engineering Career Services to further develop the app.

2014 **Amcor Rigid Plastics** Ames, IA

Developed a method to quantify the precision added in an additional step when measuring thin invisible glass fillings on bottle during manufacturing. Statistically proved the addition step added no precision in the process and saved them more than $50,000.

2013 **Department of Transportation** Des Moines, IA

Using survey data to create a map to enable DOT employees to visual patterns of road use. Created a method to better select pavement type based on speed limits and traffic patterns.

**Extracurricular Activities**

2014 - Present Team Iowa Analytics – Machine Learning and Data Mining: Data Specialist

2011 – 2014 Sales Engineering Club: President

2011 – 2014 Tau Kappa Epsilon Fraternity: Head of Scholarship and Head of Recruitment

2011 – 2013 Iowa State Lacrosse Club

**Computer Skills**

* Proficient in Microsoft Office (Word, PowerPoint, Excel and Access)
* Web Programming: HTML, CSS, and OWL
* Statistical Tools: JMP and R (statistical programming language)
* VBA and Visual Basic.NET
* Ladder Logic Programming for PLC, and RFID Programming

**Awards and Honors**

* Capital One SmallBizDev Hackathon NY – Top 20 Finalist (2014)
* First Place Award for Excellence in Statistical Quality Assurance (2014)
* CyHack - Iowa State Hackathon - Top 6 Finalist (2014)
* McIlrath Emerging Leadership Scholar (2013)
* Elmer Kaser Sophomore Award (2013)
* **Millard R. "Spike" Kratochvil Freshman Award (2012)**
* President’s Award for Competitive Excellence Scholar (2011-Present)