
SYNOPSIS

Gain employment in a profession that allows me to utilize my passion for applied mathematics, statistics, economics, computer science, and problem solving to build a rewarding career in an environment of professional excellence.

COMPETENCIES

Skills

- Programming experience in Python, R, Node.js, Julia, Ruby, FORTRAN, SQL, MQL, Cypher, Excel, \LaTeX , HTML5, CSS3, Unix shell, Git
- Technical experience in statistical learning, predictive modeling, and natural language processing
- Detail-oriented, creative, quick learner, highly analytical, precise, motivated.

Certifications

- Google Partner status, Analytics, Search, Display, Video, Fundamentals

PROFESSIONAL EXPERIENCE

Data Scientist

Coolfire Studios

Saint Louis, MO
April 2014 — June 2016

- Develop the data science program for the Digital Engagement division
- Apply statistical learning techniques to social media data to augment digital marketing efforts
- Advise prominent clients such as GE, Microsoft, and Edward Jones in content creation
- Create scripts to rapidly collect social data from YouTube, Facebook, AdWords, and Twitter APIs at scale
- Visualize data and relationships with ggplot2 and d3.js

EDUCATION

Indiana University, Bloomington, IN

Mathematics, B.A.

Aug 2008 — Dec 2013

Coursework

- Multivariable Vector Calculus, Linear Algebra, Probability Theory, Numerical Analysis, Real Analysis, Classical Mechanics.
- Econometrics, Financial Economics, Economics of Money and Banking, Financial Accounting, Options Pricing Theory.

COMMUNITY SERVICE, & LEADERSHIP

Projects and Events Director

Student Sustainability Council

Bloomington, IN
May 2012 — Dec 2012

- Responsible for the planning and execution of SustainIU Week 2013 and all Council-sponsored projects and events
- Managed allocation and coordination of a \$12,000 Green Initiative Grant

Member-at-Large

Volunteers in Sustainability

Bloomington, IN
May 2011 — May 2012

- Advise members of the executive committee and fulfill the duties of coordinator in their absence

Coordinator

Volunteers in Sustainability

Bloomington, IN
May 2010 — May 2011

- Direct meetings and serve as chief executive of ViS

Vice President of Membership

AΦΩ Service Fraternity

Bloomington, IN
May 2010 — May 2011

- Plan requisite social events, manage appointed officers and status of 100 active members

HONORS AND AWARDS

Distinguished Service Key Award

AΦΩ Service Fraternity – for outstanding service to Chapter and Community

Dec 2012