8049 South Drive
Saint Louis, MO 63117

Clayton C. VonDras

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(314) 775-7671

EDUCATION

Indiana University, Bloomington, IN
Mathematics, B.A.   Aug 2008 — Dec 2013

HONORS AND AWARDS

Distinguished Service Key Award
AΦΩ Service Fraternity – for outstanding service to Chapter and Community   Dec 2012

National AP Scholar with Distinction
College Board – for scores of four or higher on five or more exams   May 2008

Missouri Bright Flight Scholarship
Missouri Department of Higher Education – for ACT and SAT scores beyond 98th percentile   May 2007

RELEVANT SKILLS AND COURSEWORK

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

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.

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

PROFESSIONAL EXPERIENCE

Lead Data Scientist   Saint Louis, MO
Coolfire Studios   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

COMMUNITY SERVICE, & LEADERSHIP

Projects and Events Director   Bloomington, IN
Student Sustainability Council   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   Bloomington, IN
Volunteers in Sustainability   May 2011 — May 2012
- Advisory member of the Executive Committee
- Fulfilled the responsibilities of the Coordinator in their absence

Coordinator   Bloomington, IN
Volunteers in Sustainability   May 2010 — May 2011
- Chief Executive of ViS
- Developed lecture series about alternative energy on IU Campus
- Managed staffing of Dunn Woods Reclamation Project
- Supervised collection of 12,000 student signatures to create the IU Student Sustainability Fund

Vice President of Membership   Bloomington, IN
AΦΩ Service Fraternity   May 2010 — May 2011
- Planned requisite social events, managed appointed officers and status of 100 active members
- Directed recruitment and registration of 75 new members
- Instituted cloud-based collaboration and planning platforms