**Tim Perisho** (425) 387-0074 timothy.perisho@infospace.com Seattle, WA

***Highlights***

* 16 months of data analysis experience (w/SQL, XL, PPT, Gephi, and R) at a search engine company (Infospace)
* 3 years of independent study, research and public speaking experience in mathematics and philosophy
* Proven ability to think critically, self-teach, research best practices, innovate, collaborate, and communicate

***Professional Experience***

Associate Data Analyst (Infospace/Blucora: January 2014 - Present)

* Manipulated and pulled data from IBM Netezza Machine with Aginity software (SQL)
* Used Gephi for network analyses and to develop on-going clustering algorithms to reduce data points
* Used R to run clustering algorithms and perform some statistical calculations
* Won peer-nominated “Spark” award for on-going algorithm development in the keyword re-categorization study

Intern Big Data Analyst (Infospace/Blucora: August 2013 – December 2013)

* Won peer-nominated “Blaze” award for finding a year-old bug in our UX A/B testing platform
* Conducted a pilot study re-categorizing our keyword library using SNA clustering techniques (Gephi)

Library Access Services Supervisor (Seattle Pacific University: June 2013-August 2013)

* Trained and supervised 4 student workers to complete 133.7% more inventory per week than previous summer

Library Access Services Assistant (Seattle Pacific University: June 2011-June 2013)

* Frequently thanked by patrons and supervisors for my thoroughness managing inventory and finding resources

***Education***

**B.S. Mathematics** (3.69)

**B.A. Philosophy** (3.63) from *Seattle Pacific University*; Seattle, Washington (June 2013)

Relevant Coursework:

* Math. & Phil. Logic
* Graph Theory
* Programming (C++)
* Prob. & Statistics (R)
* Discrete Math
* Linear Algebra
* Math Modeling (Maple)
* Vector Calculus

Awards & Activities:

* *Who’s Who Among Students in American Universities & Colleges*
* Math Major Field Test: 85th percentile among math majors nationally
* Study abroad at the *University of Oxford*, England
* *University Scholars* (4-year Honors Program Cohort)
* Trustees’ Scholar Award

***Mathematics Experience***

Independent Senior Project Researcher in Mathematics (Seattle Pacific University 2013)

* Researched current methods & posed new questions in Graph Ramsey Theory, a branch of discrete mathematics
* Carefully selected & programmed strategic computations (in Maple) to help generate original conjectures
* Proved 4 original math theorems through intense critical thinking, problem solving, and conceptual organization
* Gave a 20 min. private presentation of my research to the math professors with 10 min. of questions & critiques
* Wrote a 30 page research paper and presented highlights to the technical & non-technical public at 4 conferences

Individual Researcher in Mathematical Modeling (Seattle Pacific University Winter 2013)

* Researched “potential fields” method for robotic path-planning
* Wrote my own path-planning algorithm from scratch with visual simulation & output in Maple (a math software)
* Tested my algorithm against randomly-generated obstacles (Maple)
* Revised my algorithm based upon increasingly realistic assumptions and presented results to my class

Team-Participant in the *Mathematical Contest in Modeling* (COMAP 2013)

* Collaborated with two team-members in an international math competition on a 72 hour deadline
* Mathematically modeled, projected, and optimized a system for cleaning and allocating Russia’s water resources
* Helped program simulations in MATLAB and Maple
* Co-authored a 16-page technical report and gave a 12 minute presentation at a conference

***Additional Writing and Presentation Experience***

Philosophy Presenter at 4 Undergraduate Research Conferences

* Gave 20 minute presentations of original papers & defended them against critique
* Published my paper, “Russell’s Coherentism: Theoretically Impossible,” in Res Cogitans