Samuel Olson

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Objective

- I am an aspiring graduate student of statistics. My passions include survey estimation, research methodology, data literacy, cognitive biases, and data visualization. I am interested in research and teaching positions utilizing my statistical skills.

Education

Reed College
Portland, OR   **August 2013 - May 2017**

- B.A. Mathematics & Economics
- Senior Thesis: A Big Data Analysis of Pokémon Battling

Technical Experience

Forestry Data Science Research Assistant
Reed College, Portland, OR   **January 2020 – Present**

- Compare and contrast the precision of estimation techniques in estimating forest attributes in the Interior West.
- Create and analyze the use of a new indirect estimator adapting the Generalized Regression estimator.

Consumer Learning Analyst
Fisher Investments, Camas, WA   **October 2018 – January 2020**

- Conduct Surveys, Interviews, Focus Groups, and Secondary Research to learn about employees, clients, and prospective clients.
- Support department learning efforts across the firm and ensure they follow market research best practice.

Client Learning Associate
Fisher Investments, Camas, WA   **October 2017 – October 2018**

- Generate, analyze, and present former client interviews to understand termination trends.
- Identify opportunities to generate and leverage client feedback to improve customer service.

Student Manager
Reed College Alumni Program—Phonathon, Portland, OR   **August 2015 – May 2017**

- Manage and train student callers in raising money for Reed College.
- Collect, analyze, and discuss student caller metrics.

Academic Research Experience & Presentations

- *Research:* Kelly McConville, Tracey Frescino, Gretchen Moisen, Chris Toney, Olek Wojcik, & Paul Nguyen, Small Area Estimation: Use of a Modified Generalized Regression Estimator in the Interior West (Incomplete)
- *Presentation:* Olek Wojcik & Paul Nguyen, Improving Precision of Forestry Estimation
- *Research:* Olek Wojcik & Paul Nguyen, A Comparison of Forest Estimations: Post-Stratification & Generalized Regression Estimators
- *Research:* Jeff Parker, Correlates of Regional Unemployment in Regions of East-Central Europe

Programming Languages

- R, STATA, VBA, SQL, & HTML

Software & Tools

- RStudio, Markdown, Github, Microsoft Office Suite (Excel, Access), & Qualtrics

Personal Interests

- Reading, Baking, & Board Games