

# Cory K Costello

📧 coryc3133 🐦 @costellock ✉ ccostell@uoregon.edu 🌐 costello.netlify.com | Updated: August 21, 2019

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## Relevant skills

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- **Programming Languages:**
  - Expertise in R (incl. tidyverse, ggplot2, lme4, lavaan, caret) and Markdown.
  - Proficiency in Git and Python.
  - Experience with SQL, HTML, CSS.
- **Data Science:**
  - Expertise in creating pipelines for cleaning, tidying, reshaping, visualizing, and reporting data.
  - Proficiency in webscraping & accessing data from APIs.
  - Experience working with large, complex datasets.
- **Statistical Modelling:**
  - Expertise in Linear and Logistic Regression, Longitudinal Data Analysis, MLM/HLM, SEM, Supervised and Unsupervised Machine Learning Techniques, and Social Network Analysis.
  - Proficiency in Automated Text Analysis & Natural Language Processing.
  - Experience with Deep Learning with Keras.
- **Research Approaches** Expertise in experimental, quasi-experimental, survey-based, and data scientific methods. Causal inference in experimental and non-experimental designs.
- **Managing** several simultaneous projects and supervising small teams of research assistants.

## Experience

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### Graduate Employee

2014 - Present

*University of Oregon, Eugene, OR*

- Teaching Fellow, various roles, including instructing Graduate Statistics and our *R Bootcamp* for incoming graduate students. Teaching responsibilities include explaining advanced topics in statistics and statistical programming to students with different levels of expertise.
- Graduate Research Fellow on NIH & NSF funded projects investigating mental health, personality, and reputation in Online Social Networks. Combines experimental, survey-based, and data scientific methods to uncover how psychological characteristics are reflected in digital footprints.

### Graduate Research assistant

2012 - 2014

*Wake Forest University, Winston-Salem, NC*

- Responsibilities included experience cleaning and analyzing data, designing research materials, and communicating findings.

## Education

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### Ph.D. Psychology

2020 (expected)

*University of Oregon*

### M.A. Psychology

2014

*Wake Forest University*

### B.A. Psychology

2012

*New College of Florida (The Honors College of Florida)*

*More detailed 3-page & 5-page CVs are available at my personal website.*