

BENJAMIN JACOBS

EDUCATION

The University of Iowa, Iowa City, IA

Master of Science – Statistics

May 2019

Bachelor of Science – Statistics (Business, Industry, Research and Government track)

May 2018

Certificate - Large Data Analysis

COMPUTER SKILLS

Languages: R, SQL, SAS, Python, Java, MatLab

Operating Systems: Windows, LINUX

Software: Microsoft Office, LaTeX

PROFESSIONAL EXPERIENCE

Research Assistant

Fall 2016

The University of Iowa, Iowa City, IA

- Analyzed the presence/absence data of 676 plant species using the ‘mvabund’ package in R.
- Performed logistic regression analysis to find statistically significant relationships between the geographic features of a plot of land and a given plant species’ presence/absence at that plot.

Consultant

Spring/Summer 2018

- Working with a professor, I compiled survey results into reports, using LaTeX/Sweave and ‘ggplot2’ for graphics.
- Worked on two projects, one for River Music Experience in Davenport, IA and another for an interior design company in Cedar Rapids, IA.

Teaching Assistant

Summer 2018 - Spring 2019

The University of Iowa, Iowa City, IA

- Led discussion, answered questions concerning course material, graded homework and quizzes.

Biostatistician

Aug 2019-Present

Center for International Blood and Marrow Transplant Research, Medical College of Wisconsin, Milwaukee, WI

- Created data quality reports on our database for leadership’s review.
- Prepared datasets for analysis, with the goal of publication in medical journals and conferences.
- Answered ad-hoc queries from the physicians using custom data analyses from our database.
- Helped maintain our library of SAS codes for general use by our biostatisticians.

WORK EXPERIENCE

Maintenance Equipment Operator

Gardner Golf Course, Cedar Rapids, IA

May 2015 – Aug. 2015

Twin Pines Golf Course, Cedar Rapids, IA

May 2017 - Aug. 2017

- Performed routine course maintenance jobs.

Outdoor Skills Director

June 2014 – July 2014

Howard H. Cherry Scout Reservation, Central City, IA

- Managed the instruction program of the Outdoor Skills area at the camp, and equipment maintenance.
- Directed three other staffers in providing outdoor skills classes and other programs to the scouts.
- Taught outdoor skills classes for campers.

VOLUNTEER EXPERIENCE

Phi Mu Alpha Sinfonia- Iota Gamma Chapter

Spring 2017 – Fall 2018

- Event Band Chairman

2018

OTHER EXPERIENCE

Business Manager/ Musician

Fall 2015 - Fall 2018

The Papshoy Klezmer Orchestra, Iowa City, IA

- Founded the band with some friends in the Fall of 2015. We played Klezmer music, which is Jewish folk music.
- Communicated with potential patrons and negotiated payment.
- Played the trumpet and sang.

OTHER AWARDS

Eagle Scout

March 2012

LANGUAGE PROFICIENCIES

Fluent in English. Can read Spanish, Latin