

Kenneth Allen Flagg

PO Box 11627
Bozeman, MT 59719
(951) 288-9172
flagg.ka@gmail.com
kflagg.github.io

Self-directed learner and thoughtful communicator with experience in statistics, machine learning, cloud computing, and scientific research, event planning, logistics, customer service, and peer leadership.

Experience

[Amazon](#), Belgrade, MT

March 2024–present

Warehouse Associate—Work collaboratively as member of the sort team while the facility processed 4000 to 8000 packages each night. Perform trailer docking/undocking and freight receiving procedures, ensuring safety protocols are followed and documenting any exceptions. Facilitate orientation and training for classes of up to 8 new hires.

[La Brasserie](#), Bozeman, MT

December 2024–July 2025

Server—Front of house staff at a gourmet French restaurant serving three-course meals and exclusive wines. Greet and seat guests, present the menu items, take orders, serve drinks and food, bus and tidy tables and bar area, handle payments, and provide superlative customer service. Provide table service for up to twenty customers at once.

[Self-employed](#), Bozeman, MT

April 2024–present

Statistics and Data Science Consultant—Consultant specializing in statistics, data science, data engineering, scientific study design, business intelligence, and web traffic analytics. I have built databases, web apps, data pipelines, predictive models, analytics dashboards, and done assorted statistical analyses.

[Vizion](#) (remote position)

December 2022–March 2024

Data Scientist—Identified gaps in container tracking data and implemented data-driven solutions to fill those gaps, increase data usability, and predict risk of shipment delay. Designed and implemented a data science solution for combining shipping event data from multiple data sources while matching duplicates present in several sources. Created a dashboard for daily visualization of vessel locations showing their risk of being off-course or delayed.

[Atrium](#), Bozeman, MT

August 2019–September 2022

Data Science Consultant—Developed AI/ML models for enterprise clients and implemented these models on cloud computing platforms, including AWS and the Salesforce ecosystem. Lead a two-person team on a long-term project using reinforcement learning to create a next-best-action model for guiding salesperson actions to improve customer retention. Helped design and implement a custom MLOps solution for automating model experiments.

[Montana State University](#), Bozeman, MT

August 2016–May 2019

Graduate Research Assistant—Consultant with Statistical Consulting and Research Services. Met with clients, provided research design guidance, performed analyses, created data visualizations, wrote reports, and learned new software/methods as necessary. Mentored other graduate student consultants and worked with administration to improve consulting standard operating procedures. Supported MSU student and faculty research in areas including agriculture, animal population modeling, clinical translational research, mental health, and others.

[Neptune and Company, Inc.](#), Lakewood, CO

May 2016–July 2016

Statistics Intern—Assisted Ph.D. statisticians with statistical analyses including simulation studies, environmental risk assessments, and creating sampling plans.

Volunteering

Downbeat Vintage Swing Society, Bozeman, MT February 2021–January 2024
Archivist—Took meeting minutes and maintained records of the board of directors' activities. Taught, DJed, trained volunteers, and assisted with volunteer recruitments for weekly social dances.

SwingCats, Bozeman, MT September 2018–June 2020
Secretary—Maintained records and ensured accurate communication between the organization's officers and members. Supported other officers as needed with social media, graphic design, and coordinating with outside organizations. Taught, DJed, and recruited volunteers for weekly social dances. Assisted in planning and ticketing special events and lesson series. Served as logistics lead, assisted with venue booking, coordinated with instructors, and disseminated promotional materials for the annual Swing+ weekend workshop.

Education

Montana State University, Bozeman August 2014–November 2020
Ph.D., Statistics, November 2020
Doctoral dissertation: [Bayesian Computing and Sampling Design for Partially-Surveyed Spatial Point Process Models](#), advised by Andrew Hoegh
M.S., Statistics, May 2016
Masters writing project: [Visual Sample Plan and Prior Information](#), advised by Megan Higgs

University of California, Riverside September 2012–June 2014
B.S., Mathematics, June 2014
Concentration in Applied Math/Statistics
Summa Cum Laude

Riverside Community College, Riverside, CA September 2005–December 2011
A.A., Administration and Information Systems, June 2011
A.S., Computer Programming, June 2011
Certificate, Webmaster, June 2011

References

Aloys Scheer, manager at La Brasserie
(720) 480-6413
alloys@scheerhospitality.com

Joshua Fleischer, project team lead at Atrium
(317) 979-4283
josh@atrium.ai

Andrew Hoegh, doctoral advisor
(406) 994-5340
andrew.hoegh@montana.edu