

# Charles Hanks

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## Summary

Tenacious and diligent professional with a passion for exploring social science through data analysis. Diving into the world of data following an accomplished career as a leader in award-winning kitchens.

## Tech Skills

Skills: Data Visualization | Survival Analysis | Machine Learning | Database Management | Docker Containers | PowerBI  
Languages: R | PostgreSQL | Bash

## Data Science Projects

- Posited a correlation between the rise of disinformation on social media and the Jan. 6 Capitol Attack through a series of visualizations using the ggplot package in R. [Animated Graphic](#) | [Slide Deck](#)
- Designed a database of FEC campaign finance data using PostgreSQL to analyze the impact of SuperPACs on election outcomes. [Entity Relationship Diagram](#) | [Poster](#)
- Built a Shiny app showcasing an interactive graphic of causes of death worldwide in 2000. [App](#) | [R Pub](#)
- Optimized an Elastic Net machine learning model to predict a wine's province based on wine critic's tasting notes, with a Cohen's Kappa of .88. [R Pub](#)

## Education

Master of Science in Data Science, Willamette University, Expected Graduation Date: August 2023

Bachelor of Arts in Philosophy, Clark Honors College at the University of Oregon, December 2012, *magna cum laude*

## Courses & Independent Study

- Machine Learning in the Tidyverse, DataCamp
- SQL for Database Administrators, DataCamp
- PowerBI Dashboard in a Day, SkyPoint Cloud
- Statistics I & II, Portland Community College
- R Programming "A-Z", Udemy
- Complete Python Bootcamp, Udemy

## Work Experience

Coquine, Portland, OR (April 2019-July 2022)

*Sous Chef (July 2021 – July 2022), Bakery Manager (March 2020 – June 2021), Line Cook (April 2019 – March 2020)*

- Promoted twice within the organization and led a team of 15 people.
- Fostered excellent vendor relationships with Oregon's most treasured farmers and distributors.
- In response to the restaurant shutdown caused by Covid-19, launched a [celebrated](#) bread program, generating a crucial revenue stream for Coquine during the height of the pandemic.
- Developed and tested over 50 recipes for bakery, market, and restaurant.
- Executed digitization project of 7 years worth of recipes and kitchen procedures in Google Workspace.
- Listed on the 2021 [Top 50 Restaurants List](#) by the New York Times, 10/12/21.

Kachka, Portland, OR (August 2015- May 2018)

*Sous Chef (June 2018 - April 2019), Cook (August 2015 – May 2018)*

- Lead team during company's growth into 2 restaurants and commissary kitchen.
- Traveled for events nationwide during Chef Bonnie Morales' tour promoting her cookbook, *Kachka: A Return to Russian Cooking*. Cooked the entire menu for the James Beard Foundation Celebrity Chef Dinner in 2018 at the James Beard House in New York City.
- Launched a successful [bread](#) program focused on Eastern European, naturally leavened rye bread.
- One of Eater's "Essential 38 Restaurants", [2015-2017](#).

Go West Tours, San Francisco, CA

*Tour Coordinator (September 2013 – June 2014)*

- Managed bookings of coach tours of the United States and Canada for European travelers using Microsoft Access.
- Negotiated sales in bilingual capacity with French travel agents.