

Education

2017 Montana Code School, Missoula, MT

2017 MS Statistics, California State University East Bay, Hayward, CA

2011 BA Psychology, University of Montana, Missoula, MT

Web Development Projects

I have completed 5 web apps - a sentiment analysis app, a recipes CRUD app, a pictures CRUD app, a classifieds ads app, and a Spotify metadata app. Notable features include full stack code using MERN (Mongo, Express, React Node), RESTful APIs, state management with Redux, layout with CSS grids, Flexbox, and/or Bootstrap, Google Cloud machine learning APIs, web scraping, draft.js rich text editors, object modeling with Mongoose, indexing Mongo database for text search, form validation, unit testing, pair and mob programming, and version control with Git and GitHub. All my code can be found at brianhallerweb.github.io.

Montana Code School Content

The Montana Code School is a 12 week full-time course on web development. I learned CRUD app development with the MERN stack (Mongo, Express, React, Node) along with supportive technologies such as Redux, Mongoose, Bootstrap, and Git. I also gained experience with agile methodology, pair and mob programming, and unit testing.

MS Statistics Content

The program included a balance of theoretical and applied material. I learned enough statistical theory to thoroughly understand the mathematical foundations of inference. For applied statistics, we used R and SAS to manipulate data, visualize patterns, design experiments, and create predictive models. To earn the degree, I passed an 8 hour comprehensive exam on these topics.

Work Experience

2005 to present - Professional Dog Training

I am the sole proprietor of a pet dog training business. My website is briansdogtraining.com and it includes yelp reviews. I provide typical clients with 15 private sessions of dog training and ongoing support after the training is complete. My services are oriented to producing lasting results and ongoing relationships with clients.

2014 to 2017 - Sea Forager Commercial Fish

I worked in sales and daily operations for a sustainable commercial fishing and distribution company in San Francisco. Sea Forager is a small business of about 5 employees. I quickly learned the relevant environmental issues behind sustainable commercial fishing and was able to communicate that understanding to successfully sell fish to both restaurants and individuals.

Awards

Division 1 athletic scholarship for golf from Saint Mary's College of California