

Lauren Golden, Ph.D. (she/her/hers)

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Former Psychologist turned Software Engineer

A curiosity-driven problem solver with clinical experience and training in object-oriented programming, data analysis, database management, and research methods. My mission is to positively impact the world through technology by crafting clean and efficient code, applying evidence-based methodologies to address challenges, advocating for diversity within the tech industry, and fostering meaningful collaborations with fellow professionals.

Skills

Ruby | Rails | AWS | SQL | ActiveRecord | PostgreSQL | SQLite | Git | TDD | HTML/CSS | Analytics | RESTful API integration | MVC | CI/CD

Gems: Capybara, RSpec, Factory Bot, Faker, RuboCop, httparty, Launchy, Orderly, Shoulda Matchers, Faraday, Figaro, SimpleCov

Recent Projects

Munch Madness - [Munch Madness](#) | [GitHub repository](#)

- Collaborated with a Full Stack team to create an app from inception to production in less than two weeks
- Integrated Google Places API and Google Maps API
- Utilized Rails 7.0.6, Ruby 3.2.2, PWA, JavaScript, TypeScript, TailWind, and Cypress

Jana Social - [Jana Social](#) | [GitHub repository](#)

- Inspired by my sister, Jana, I proposed and designed this project and recruited 11 others to build this fully functional app from scratch in 12 days
- Integrated Unsplash API
- Utilized Rails 7.0.x, Ruby 3.1.1, AWS S3, ActionCable, Websockets, OAuth, and browser-based geolocation

Professional Experience

Publications: three peer-reviewed scientific journal articles, one book chapter (additional details available [here](#))

Presentations: 21 guest speaker appearances, eight conference posters (additional details available [here](#))

2012-2023 U.S. Department of Veterans Affairs, Psychologist, Clinical Data Science

Remote work from home office from 2016-2023

Summary: Specialized in providing evidence-based trauma care to underserved Veterans

- Managed projects, utilized analytics to track outcomes, and wrote complex reports
- Supervised and provided training to junior colleagues, postdoctoral fellows, and interns
- Promoted DEI values in recruitment, training, supervision, and committee work
- 1-3 guest speaker presentations and workshop facilitations per year

Education

Certificate of Completion, Back End Engineering, Turing School of Software & Design; remote

- 1500 hours of programming experience over a 7-month intensive, ACCET-accredited software development program

Ph.D., Psychology (Clinical Science), Virginia Polytechnic Institute & State University (Virginia Tech); Blacksburg, VA

- Trained in SAS, R, and SPSS
- Worked on numerous research projects as Principal Investigator and teammate

M.A., Psychology, Western Carolina University; Cullowhee, NC

B.S., Psychology, Kennesaw State University; Kennesaw, GA