

Ellie Harmon, PhD

I thrive in environments that offer **novel challenges, real world impact**, and opportunities for **collaboration** and **experimentation**.

 hello@ellieharmon.com

I Am ...

An expert ethnographer with over a decade of experience getting beneath the surface to find out what's really happening with people, technology, science, and organizations.

A creative technologist who can use python to parse metagenomic data, create data visualizations in javascript, and automate Slack messages from a spreadsheet.

A collaborative educator who loves communicating across disciplines, leading teams of experts, mentoring novices, and re-designing courses to better serve students and society.

Work Experience

Fundraising, Alumni Relations Glenridge & Rocky Mountain Preschools	2024 - 2026
VP Communications PSU-AAUP labor union	2020 - 2021
Freelance researcher Intel, IG Metall, International Labour Office	2014 - 2017
Customer Support Engineer Tellme Networks	2009 - 2010
Help Desk Clerk US Census, San Francisco	2009
Designer Seret & Sons, Santa Fe	2007 - 2008

Ask Me About

Earning a PhD in “Information and Computer Science” – for a social scientific study of smartphone user experience in workplaces, homes, and along the Pacific Crest Trail.

Designing a brand new undergraduate computer science course in which novices could actually succeed and both creative expression and ethical considerations were central.

Managing a grant-funded professional development program for secondary school teachers to learn new skills in computing – and then integrate them into courses in history, biology, language arts & more.

Extracting RNA from soil samples, learning to process 16S sequence data, and collaboratively designing novel visualizations of geographic and genetic data for an exhibit at the UCLA Art+Science Center.

Academic Experience

Research Scientist CU Boulder	2024 - 2025
Senior Instructor Portland State University	2017 - 2022
PhD Researcher, Instructor UC Irvine	2009 - 2015
Student Researcher, Teaching Assistant GA Tech	2002 - 2007