

# 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

## 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

## 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.