

KAREN A. SITTIG

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PROFESSIONAL EXPERIENCE

Mobi Systems

Lead Software Engineer

Somerville, MA

January 2022 - August 2023

- Managed and tech led four engineers on the Data Infrastructure team. Defined team levels and expectations and delivered performance feedback to reports on a weekly basis.
- Architected and supervised the implementation of Mobi's internal data platform on AWS. Implemented and maintained CI/CD infrastructure in a Python mono repo to automatically deploy new pipelines to AWS EKS, Glue, Lambda, and Sagemaker.
- Researched and implemented an interview process for software engineers based on industry best practices. Using this process, my team hired a qualified nontraditional candidate who had previously been incorrectly rejected by the existing interview process.

TrueNorth

Senior Software Engineer

Remote; Company HQ in San Francisco, CA

January 2021 - August 2021

- Acting Platform and Infrastructure lead and fourth engineering hire. Improved an existing Python / Django codebase through refactoring and adding developer tooling.
- Worked directly with internal users to streamline the internal payroll workflow for independent contractors. Tools delivered to end users eliminated an estimated 10-15 hours of manual work.
- Defined requirements for, designed, and implemented a V2 payroll system to determine weekly payouts for the company's independent contractors. Migrated all historical payroll data from the V1 payroll data models to enable historical accounting and reporting.

Meta

Software Engineer

Cambridge, MA

January 2015 - January 2021

- Contributed significant technical work on three substantially different engineering projects.
- Mentored interns, intern managers, and new hires through the Intern and Bootcamp programs. Created and co-taught a supplemental onboarding program for new engineering hires that was adopted by several Meta offices.
- Represented Meta externally as a speaker at multiple industry events. Interviewed by multiple members of the press as a representative of Meta.

Twitter, Data Scientist II

July 2013 - October 2014

MIT Lincoln Laboratory, Research Assistant

June 2012 - June 2013

EDUCATION

Massachusetts Institute of Technology

M. Eng. in Computer Science

Cambridge, MA

June 2013

Relevant Coursework: Computer and Network Security, Machine Learning, Sublinear Algorithms

Massachusetts Institute of Technology

B.S. in Computer Science

Cambridge, MA

June 2012

Relevant Coursework: Design and Analysis of Algorithms, Software Construction, Artificial Intelligence, Computer Systems Engineering, Robotics: Science and Systems I

LEADERSHIP EXPERIENCE

Firefly Arts Collective

Event Operations Cluster Lead

Somerville, MA

January 2020 - November 2023

- Developed and supervised the execution of a strategic plan to ensure the safety of 1500 participants at a week-long arts and music festival.
- Recruited, trained, and supervised head volunteers for seven departments.
- Communicated organization strategies and goals directly to the public on behalf of the organization.