

Sen Lyu (Sam)

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WHO I AM

Coder, software engineer, and aim to be a system architect. Enjoyed working on design & development. Enjoyed discussing or explaining my design and learnt a lot from these communications. Worked a lot on server side standalone NodeJS service projects. Interested in C++ programming. Had my own website and VPN networking.

EXPERIENCE

Meta, California — *Software Engineer*

Feb 2022 - PRESENT

- Working in privacy infra, creating privacy product for whole meta scale
- Lead the team level engineer excellence works, including code optimization, CICD tasks and tests building
- Providing project design of system components
- Implement 0-1 projects with teams

Stratifyd, North Carolina — *Software Engineer*

Feb 2019 - Feb 2022

- Fully delivered standalone projects, including the process of designing, implementing and testing.
- Owned and became the maintainer of the projects I worked on.
- Provided junior engineers with guidance and help.

PROJECT

Privacy Recording Service, Meta, 2022 - Now

- Working with the team to implement the system of the service which will provide company level data collection for privacy regulation requirement

PDF Downloader, Stratifyd, 2020 - 2022

- Redesign it from a demo project into a stable and scalable production ready project.
- Delivered it to production with integration tests, logging and monitor system, graceful exit system, with detailed documentation.

Internal Monitor, Stratifyd, 2020 - 2022

- Initiated the project from loose definitions and unclear requirements, and turned it into a stable system.
- Applied multiprocessing and message queue for this project to be more scalable.
- Implement a socket level process communication system.
- Integrated third party APIs like email service and message service.

EDUCATION

University of Connecticut, Connecticut — *Master*

Spet 2016 - June 2018

Master's degree, Business Analytics (STEM)

Courses: Predict Modeling, Data Management, Big Data(Hadoop), Data Analysis(R), Data Mining(SAS)

GPA: 3.9/4.0

TECH SKILLS

JS (advanced),
C++ (basic),
Python (advanced),
NodeJS (advanced),
Mongo (advanced),
MySQL (basic),
AWS S3 (Intermediate),
Git (advanced),
Docker (Intermediate),
Linux (Intermediate),

ONLINE COURSES

C++ Nano-degree — Udacity

Feb 2021

Front End Web Developer Nano-degree — Udacity

Jan 2019

Machine Learning — Coursera

Apr 2017

Machine Learning Nano-degree — Udacity

Feb 2017