Bobby Hsu

rasterroo@gmail.com • (626)-535-3003 • Bellevue, WA

EDUCATION

Georgia Institute of Technology Aug 2023 – Present
Masters in Computer Science - GPA: 4.0 Atlanta, GA

University of Illinois at Urbana-Champaign Aug 2016 – Aug 2019
Bachelors in Computer Science Champaign, IL

WORK EXPERIENCE

Meta Dec 2025 – Present
Data Engineer Bellevue, WA

- Joined the Media Foundation Team, helping create the full end-to-end data pipeline lifecycle for all media formats supporting Instagram, Facebook, MetaAI, Whatsapp, etc.

State Farm Feb 2020 – Nov 2025
Lead Data Engineer Bloomington, IL

- Lead large scale cloud migration project for our on-premise services to AWS while following business requirements and meeting SLA's. Innovated strategic redesign from Serverless Design to ROSA EKS, reducing costs by 40% and increasing average performance by 70%.

- Served as a key point-of-contact for business stakeholders across many product areas, coordinating with upstream producers to conform valid business events with our Business Event Orchestration application. Built data pipelines and data quality checks using AWS Kinesis, Lambdas, Glue, and Firehose to ensure our data ingestion in the Enterprise Datalake is usable and standardized for use by analytical areas.

SKILLS

- Languages: Python, Java, SQL, PostgreSQL, Bash
- Technology: AWS, Azure, Terraform, CI/CD, Docker, Splunk, Dynatrace, Kafka, PySpark, Kubernetes

---

CERTIFICATIONS

AWS Solutions Architect Associate Aug 2022

Hashicorp Terraform Associate Feb 2023