Bobby Hsu

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EDUCATION

Georgia Institute of Technology
Masters in Computer Science - GPA: 4.0

Aug 2023 – Present
Atlanta, GA

University of Illinois at Urbana-Champaign
Bachelors in Computer Science

Aug 2016 – Aug 2019
Champaign, IL

WORK EXPERIENCE

Meta
Data Engineer

Dec 2025 – Present
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
Lead Data Engineer

Feb 2020 – Nov 2025
Bloomington, IL

- Lead large scale cloud migration project for moving 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 20 product areas, coordinating with upstream producers to conform valid business events. Built data pipelines and data quality checks using AWS Kinesis, Lambdas, Glue, and Firehose to ensure that the data ingested into our Datalake is usable and standardized for analytical use.

SKILLS

- Languages: Python, SQL, PostgreSQL, Java, C, Bash, HCL
- Technology: AWS, Azure, Terraform, Docker, Splunk, Dynatrace, Kafka, PySpark, Kubernetes

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CERTIFICATIONS

AWS Solutions Architect Associate
Aug 2022

Hashicorp Terraform Associate
Feb 2023