

Hannah Ito

Computer Vision Data Engineer

✉ hannah.ito@example.com
☎ +1 555 0127
📍 San Jose, CA

★ SKILLS

CORE STACK

Python OpenCV Spark CVAT
DVC

DELIVERY

Data modeling Data quality
CI/CD Observability
Documentation

COLLABORATION

Requirements workshops
Incident response Mentoring
Agile delivery

🎓 EDUCATION

Bachelor of Engineering – Computer Science and Data Systems

University of California, Berkeley
2015-09 – 2019-06

🗣️ LANGUAGES

English Native
Japanese Professional working proficiency

🏆 CERTIFICATIONS

NVIDIA Deep Learning Institute
Professional Training Board · 2024-05

Data Reliability Workshop
Data Engineering Guild · 2023-08

SUMMARY

Computer Vision Data Engineer focused on image datasets and annotation quality. Builds reliable data products with Python, OpenCV, Spark, CVAT, DVC, connects engineering decisions to measurable operations, and communicates clearly with cross-functional teams.

WORK EXPERIENCE

Computer Vision Data Engineer

LensCraft Automation · San Jose, CA

📅 2022-01 – Present

- Designed Python and OpenCV pipelines for image datasets and annotation quality at LensCraft Automation; while partnering with product, platform, and finance leads, processing 52 million industrial images, and raised on-time delivery from 92% to 99.6%.
- Reworked Spark models and partitioning for the Defect Image Lake warehouse; coordinated a 9-person engineering group, cutting median query time from 24 seconds to 4.1 seconds.
- Instrumented schema, freshness, and lineage checks across 38 production tables for image datasets and annotation quality; worked with 14 analysts, reducing data incidents by 63%.
- Automated backfills, alerts, and runbooks around CVAT jobs in San Jose, CA; supported 12 markets and saved 86 on-call hours per quarter.

Analytics Engineer

LensCraft Automation Data Studio · San Jose, CA

📅 2019-04 – 2021-12

- Designed Python and OpenCV pipelines for image datasets and annotation quality at LensCraft Automation; with analysts, SREs, and domain owners across the delivery squad, processing 52 million industrial images, and raised on-time delivery from 92% to 99.6%.
- Reworked Spark models and partitioning for the Defect Image Lake warehouse; coordinated a 6-person engineering group, cutting median query time from 24 seconds to 4.1 seconds.
- Instrumented schema, freshness, and lineage checks across 38 production tables for image datasets and annotation quality; worked with 5 application teams, reducing data incidents by 63%.
- Automated backfills, alerts, and runbooks around CVAT jobs in San Jose, CA; supported 4 business units and saved 86 on-call hours per quarter.

PROJECTS

Defect Image Lake

Built a governed data product for image datasets and annotation quality, with documented ownership, tested transformations, and an analyst-ready serving layer.

Python OpenCV Spark CVAT