

Chloe Park

Data Engineer Intern

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📍 Raleigh, NC

🏢 WORK EXPERIENCE

Data Engineer Intern

01/2022 – Present

Maple Learning Lab, Raleigh, NC

- Designed Python and Pandas pipelines for education event quality at Maple Learning Lab; while partnering with product, platform, and finance leads, processing 320,000 learning events, and raised on-time delivery from 92% to 99.6%.
- Reworked SQL models and partitioning for the Course Activity Pipeline 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 education event quality; worked with 14 analysts, reducing data incidents by 63%.
- Automated backfills, alerts, and runbooks around Airflow jobs in Raleigh, NC; supported 12 markets and saved 86 on-call hours per quarter.

Data Platform Engineer

04/2019 – 12/2021

Maple Learning Lab Data Studio, Raleigh, NC

- Designed Python and Pandas pipelines for education event quality at Maple Learning Lab; with analysts, SREs, and domain owners across the delivery squad, processing 320,000 learning events, and raised on-time delivery from 92% to 99.6%.
- Reworked SQL models and partitioning for the Course Activity Pipeline 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 education event quality; worked with 5 application teams, reducing data incidents by 63%.
- Automated backfills, alerts, and runbooks around Airflow jobs in Raleigh, NC; supported 4 business units and saved 86 on-call hours per quarter.

📁 PROJECTS

Course Activity Pipeline

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

Technologies: Python, Pandas, SQL, Airflow

★ SKILLS

Core stack: Python, Pandas, SQL, Airflow, Docker

Delivery: Data modeling, Data quality, CI/CD, Observability, Documentation

Collaboration: Requirements workshops, Incident response, Mentoring, Agile delivery

🎓 EDUCATION

North Carolina State University

09/2015 – 06/2019

Bachelor of Engineering Computer Science and Data Systems • Raleigh, NC

🏆 CERTIFICATIONS

AWS Certified Cloud Practitioner – Professional Training Board	05/2024
Data Reliability Workshop – Data Engineering Guild	08/2023

🗣️ LANGUAGES

English (Native)	Korean (Professional working proficiency)
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