

Kevin Cang

cangkevin@gmail.com | 832-310-5168

linkedin.com/in/cangkevin

github.com/cangkevin

EXPERIENCE

• Capital One

Plano, TX

Senior Associate, Data Engineer - Financial Services Technology

Mar. 2021 – Present

- Developed utility that aggregates ELT process metadata that reports the data lineage of an arbitrary dataset
- Reduced efforts to trace data lineage from a manual process to an automated process that runs in minutes
- **Technologies:** Python, Snowflake

Senior Associate, Data Engineer - Financial Services Technology

Sep. 2019 – Present

- Led redesign and implementation of a dataset onboarding service with a focus on improving user experience
- Added various self-service troubleshooting capabilities, reducing time spent on user support by 50 percent
- Evaluated feature requests based on user feedback and broke down requests into tangible development tasks
- Mentored junior engineers on good development practices and the software development life-cycle
- **Technologies:** Spring Boot, Flask, PostgreSQL, AWS ECS

Richmond, VA

Associate, Data Engineer - Data Platform Services

Sep. 2018 – Aug. 2019

- Developed an enterprise-wide batch data ingestion platform consisting of microservices
- Optimized ingestion platform's cluster configurations, reducing compute expenses by approximately \$400k/month
- Enhanced automation for creating and tearing down cluster infrastructure across 7 environments, reducing deployment efforts from an all-day event to a few hours
- **Technologies:** Spring Boot, AWS ECS, Apache Spark, AWS EMR

• Dept. of Computer Science & Engineering

Texas A&M University

Undergraduate Peer Teacher

Aug. 2016 – Dec. 2017

- Provided assistance to students in various Computer Science courses during lab and office hours
- Led review sessions to help students gain further understanding of theoretical concepts and programming practices in introductory courses

• Amazon

Seattle, WA

Software Development Engineer Intern - Amazon Business

May 2017 – Aug. 2017

- Implemented a web dashboard that provides upper management insight into project status

EDUCATION

• Texas A&M University

College Station, TX

Bachelor of Science in Computer Science

Aug. 2014 – May 2018

CERTIFICATIONS

- AWS Solutions Architect Associate (expires Mar. 2023)

PROJECTS

• SEAshows | *Flask, Vue.js, Docker*

- Web application that serves as a hub for east Asian programming and media

• TCH Portal | *Flask, Vue2, Docker*

- Web application that serves a portal for Texas Children's Hospital nurses to aggregate scheduled shifts into a sortable, tabular format

SKILLS

- **Languages:** Java, Python, C++

- **Frameworks:** Spring Boot, Flask, Karate, Vue.js

- **Technologies:** Docker, Snowflake, PostgreSQL, Apache Spark, Apache Livy, Elasticsearch