# Hannah Kwak

### Frontend Engineer Co-op
### University of Georgia, May 2025
### David Ezell, Network Enablement Technologies

**COX**



Linkedin.com

## HIGHLIGHTS

- Recorded a Peer2Peer short to showcase the automation capability of the alert system within network engineering
- Attended 10+ Intern Events
- Had 10+ Coffee Chats and Networking Meetings
- Attended 6 weeks Toastmasters Speech Series

## GREATEST SUCCESS

- Learned to navigate through intricate code structures
- Created successful project outcomes and positive team dynamics.

## GREATEST CHALLENGE

- Leveraged a variety of new tools and technologies to achieve DAASH project goals
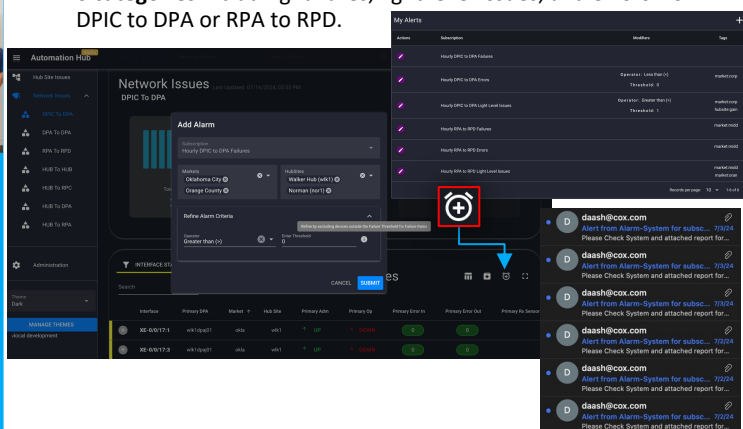- Confronted fears of public speaking

## PROJECTS

### DOCSIS Node Data Table

- Developed a web application allowing network engineers **to filter and analyze DOCSIS data** by column fields, regions, and markets.
- Consolidated 3 tables into a DOCSIS node table page for efficient handling and exporting of **38,000+ data entries** using SQLAlchemy and FastAPI backend endpoints.



### Easy Alert System

- Enhanced the network alert system to generate **self-service, user-friendly alerts** based on the viewed network issue table with predefined values.
- Collaborated with team members to design the alert system across **6 categories** including failures, light level issues, and errors from DPIC to DPA or RPA to RPD.



## TOOLS AND CERTIFICATIONS

Vue.js · python · SQLAlchemy · Bitbucket · FastAPI · git · QUASAR · MySQL · POSTMAN · TOASTMASTERS INTERNATIONAL · W

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