

# CINTHIA HAI YOUNG KIM, E.I.T.

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## SUMMARY

Analyst with a background in **consultancy** (3 years) and **Engineering Management** (M.Eng.). Earned a Certificate from the Columbia Engineering Data Analytics Boot Camp. Strategic thinker with project management experience and a strong technical player who delivers data-driven solutions to complex problems by leveraging **data analytics** and **BI tools**.

## TECHNICAL SKILLS

**DATA SKILLS** | API Interactions, Data Visualization, ETL, Machine Learning, Neural Networks

**PROGRAMMING LANGUAGES** | HTML/CSS, JavaScript, MATLAB, **Python** (Pandas, Matplotlib, NumPy, sklearn, TensorFlow, SQLite3), **R**, **SQL**, VBA

**SOFTWARE** | AWS S3, Flask, Git Bash, Google (Analytics, BigQuery, Data Studio, Workspace), **Microsoft Office Suite** (Excel), **Oracle (BI, Primavera P6)**, **Tableau**, **Power BI**

## CAREER HIGHLIGHTS

Ankura Consulting Group, LLC. | *Consultancy on complex challenges to legal proceedings* New York, NY  
**SENIOR ASSOCIATE** Oct 2020 – Present

- Top 2021 year-end revenue at Senior Associate level for the US NorthEast practice region
- **Key quantum-related Client projects** were an active Alstom Transportation project with supply-chain and manufacturing impacts potentially due to COVID-19, and a forensics cost analysis of a \$20 billion Gale Investments - Songdo International Investments project
- Led periodic meetings with key stakeholders at Alstom Transportation as lead point of contact
- Engage Associates for resource management and mentorship
- Panelist at Ankura's Performance Management Webinar (90+) & Moderator at AAPI Heritage Event

**ASSOCIATE** Mar 2019 – Sep 2020

- Promoted within 18 months with a successful delivery of \$20 million claim arbitration in 3 months.
- Performed critical path method schedule analysis and quantum evaluations (labor, resources, productivity and weather analyses) in regards to contractual change management in support of successful disputes allocation and advisory services
- **Key Client projects:** GE - Drivetrain at Mojave Solar & Alstom Signaling - SAMTRANS PTC operation

## PROJECT EXPERIENCE

**CPM Analysis** | [github.com/chkCreate/Construction\\_Project\\_Management\\_Report\\_Analysis](https://github.com/chkCreate/Construction_Project_Management_Report_Analysis) Dec 2021 – Jan 2022

- Analyzed BIM generated project data in csv files (total > 22,000 entries) using Python for data cleansing and transformation
- Developed data visualizations using Tableau to monitor KPIs for risk and quantum analyses

**CLUSTERING CRYPTOCURRENCIES** | [github.com/chkCreate/Cryptocurrencies](https://github.com/chkCreate/Cryptocurrencies) Sep 2021

- Utilized PCA to then perform an unsupervised k-means machine learning algorithm to cluster data.
- **Result:** Classified 532 tradable cryptocurrencies from a 1,252 dataset into four classes.

**IMAGE CLUSTERING** | "Image Analytics for Legal Document Review" Article at Ankura 2019 – 2020

- Collaborated with the Data and Technology team to develop the image clustering algorithm for eDiscovery tools to reduce cost of electronic discovery, predictive coding or technology assisted review using machine learning
- Provided positive and negative image samples to train the predictive model for the Data team to organize images to groups with identified levels of similarity to evaluate business needs and uses

## EDUCATION

**Columbia Engineering Data Analytics Boot Camp**

Certificate, Data Analytics

Apr 2021 – Sep 2021

**Cornell University, College of Engineering**

Masters of Engineering, Engineering Management

Dec 2018

Bachelor of Science, Civil Engineering

May 2018

**University of Cantabria, College of Engineering**

Aug 2016 – Aug 2017

Experience abroad studying Civil Engineering and Spanish language in Spain