

Sion Kim

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EDUCATION

Texas Christian University

Bachelor of Science in Computer Science, Minor in Mathematics

Aug 2019 – May 2025

Fort Worth, TX

EXPERIENCE

Data Engineering Intern

Penta Systems Technology Inc.

May 2023 – Aug 2023

Seoul, South Korea

- Built scalable data pipelines utilizing Playwright, Apache Airflow, and MySQL to scrape, orchestrate, and store data from 100+ websites monthly, improving data processing efficiency by 20%
- Led research initiatives on advanced computer vision algorithms and deep learning techniques to stay current on innovations in the field

Audio Visual Specialist

Texas Christian University

Aug 2022 – Present

Fort Worth, TX

- Provided technical support and troubleshooting for audiovisual systems during conferences, lectures, and university events across diverse venues, fostering a professional and welcoming event experience
- Maintained audiovisual standards and protocols to ensure flawless execution of events

Human Resources Specialist, Intelligence (G2)

19th Expeditionary Sustainment Command

Jun 2020 – Dec 2021

Daegu, South Korea

- Played a pivotal role in the collection, analysis, security, and dispensing of critical and sensitive intelligence data, directly aiding in the achievement of mission goals
- Translated data into actionable insights through advanced analysis techniques and data visualization, enhancing decision-making capabilities

PROJECTS

License Plate Recognition

Jun 2023 – Jul 2023

- Developed an end-to-end data pipeline for license plate recognition using Python, leveraging computer vision and OCR algorithms
- Optimized data flows and integrations between Dataiku, OCR services, and database to enable scalable and reliable data processing
- Skills: Computer Vision, ETL, Python, SQL, Dataiku

Crypto Portfolio App

Apr 2022 – May 2022

- Developed a user-friendly cryptocurrency portfolio mobile app using React Native that enables users to easily track and manage their crypto investments
- Implemented REST API integration to retrieve real-time coin data and prices to populate the app's dashboard and graphs
- Skills: Javascript, React Native, REST API

TECHNICAL SKILLS

Languages: Python, SQL, Java, Javascript, HTML/CSS

Frameworks: React, Node.js, Flask, React Native

Developer Tools: Git, Docker, GCP, AWS

Certifications: AWS Certified Cloud Practitioner

AWARDS

Army Commendation Medal

Dean's List, University Scholar

United States Army

Texas Christian University