

Sion Kim

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OBJECTIVE

Junior computer science student eager to leverage and enhance technical skills in a 2024 summer internship within a dynamic and collaborative setting

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

- Engineered an end-to-end machine learning solution for license plate recognition utilizing Dataiku
- Crafted a web scraping application using Playwright, managed workflows with Apache Airflow, and integrated data storage with MySQL
- Led internal research on Computer Vision and stayed abreast of cutting-edge deep learning advancements

Audio Visual Specialist

Texas Christian University

Aug 2022 – Present

Fort Worth, TX

- Managed and maintained A/V systems across diverse venues, offering technical assistance during conferences and university events
- Upheld A/V standards and protocols to ensure event security, while fostering a professional and welcoming atmosphere for all attendees

KATUSA (Korean Augmentation to the United States Army)

19th Expeditionary Sustainment Command

June 2020 – Dec 2021

Camp Henry, South Korea

- Played a pivotal role in intelligence gathering and analysis during three ROK-U.S. joint military exercises, directly aiding in the achievement of mission goals
- Bridged communication gaps between U.S. and South Korean teams by adeptly translating and interpreting both classified and unclassified documents and communications

PROJECTS

License Plate Recognition

June 2023 – July 2023

- Engineered an automated system for license plate identification using Dataiku, Optical Character Recognition, and computer vision techniques
- Skills: Computer Vision, Machine Learning, Python, Dataiku

Crypto Portfolio App

Apr 2022 – May 2022

- Created a user-friendly crypto portfolio app using React Native, allowing users to seamlessly monitor and manage their cryptocurrency holdings
- Skills: Javascript, React Native, REST API

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, Swift, JavaScript, HTML, CSS

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

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code

AWARDS

Army Commendation Medal

Dean's List, University Scholar

United States Army

Texas Christian University