# 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**                                                                        **Aug 2019 – May 2025**
*Bachelor of Science in Computer Science, Minor in Mathematics*                                  *Fort Worth, TX*

## EXPERIENCE

**Data Engineering Intern**                                                                          **May 2023 – Aug 2023**
*Penta Systems Technology Inc.*                                                                       *Seoul, South Korea*
- Crafted a web scraping application using Playwright, which collected data from over 100 websites monthly. Managed workflows with Apache Airflow, leading to a 20% increase in data processing efficiency. Integrated data storage with MySQL.
- Engineered an end-to-end machine learning solution for license plate recognition utilizing Dataiku
- Led internal research on Computer Vision and stayed abreast of cutting-edge deep learning advancements

**Audio Visual Specialist**                                                                          **Aug 2022 – Present**
*Texas Christian University*                                                                          *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)**                                           **Jun 2020 – Dec 2021**
*19th Expeditionary Sustainment Command*                                                              *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**                                                                        **Jun 2023 – Jul 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, GCP, AWS, VS Code
**Certifications**: AWS Certified Cloud Practitioner

## AWARDS

**Army Commendation Medal**                                                                          **United States Army**
**Dean's List, University Scholar**                                                                  **Texas Christian University**