Albert Kim

askim10@asu.edu
https://osteofelidae.github.io
(928) 671-8552
Tempe, AZ 85281

Self-motivated Computer Science student experienced in low-level programming, machine learning, and full-stack development. Interested in operating systems, compiler design, and computer vision. Enjoys completing personal projects, listed on their GitHub page.

Sample Projects

HyDE + Fine-tuning Showcase
Collaborative Social Technologies Laboratory @ KAIST
Final deliverable for work term at CSTL. End-to-end LLM pipeline, improving factual accuracy by 15% over the baseline model. Mitigates contaminated training data. Hot-swappable knowledge base.

Personal Arch Linux distribution
Personal project
Highly modified variant of Arch Linux for daily use. Incorporates custom kernels, system software, drivers, and suite of applications. Optimized for ease of use, battery life, and performance.

Work Experience

Visiting Researcher   Jun 2024 - Jul 2024
Collaborative Social Technologies Laboratory @ KAIST | Daejeon, South Korea
Performed Large Language Model research. Designed and implemented a novel AI pipeline, successfully improving factual accuracy by 15% over the baseline model. Presented results to a board of experts.

Robotics Developer   Feb 2024 - Apr 2024
Next Level Devils| Tempe, Arizona
Programmer for Arizona State University's Lunabotics challenge team. Managed project structure and GitHub repository. Implemented networking and driver code for multiple embedded systems.

Director of Operations / Online Engagement   Aug 2022 - Jan 2025
The LGBTQ+ Club at Barrett | Tempe, Arizona
Facilitated all major club operations, executive board meetings, events, and meetings. Managed other executive board members. Coordinated liaison with other student organizations.

Skills

Programming Languages: C/C++, x86 ASM, Bash, Python, JavaScript, HTML, CSS, Java, Lua
Frameworks/tools/technologies: PyTorch, TensorFlow/Keras, React.js, Bootstrap, Git, GitHub
Miscellaneous: REST APIs, Agile, Software Development, Debugging, Security, Unit Testing
Soft skills: Communication, Leadership, Problem-solving, Teamwork, Organization, Mentorship

Education

Arizona State University   Aug 2022 - Present (Graduating Spring 2026)
Computer Science, BS
GPA: 3.72; Dean's List Fall 2022, Spring 2023, Fall 2024