

Ahmad Jawid Karimi

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OBJECTIVE:

Aspiring senior computer science student seeking Internship opportunities. Eager to apply programming skills and contribute to dynamic projects on a full-time or part-time basis.

EDUCATION:

American University of Afghanistan

Bachelor of Software Engineering

2018-2021

Completed junior-level coursework in Computer Science at the American University of Afghanistan before being evacuated to Iraq due to the political situation in 2021, where I continued my studies remotely for 15 months, eventually transferring my coursework to Western Kentucky University in the United States after being awarded a scholarship.

Western Kentucky University, Bowling Green, KY

Anticipate Dec 2026 Bachelor of Science and Engineering

RELEVANT COURSEWORK: Java, JavaScript, Python, JavaFX, HTML, CSS, Algorithms, System Integration, Database Concepts, Ethics and Professional Conduct, Fundamentals of Networking and Application Development.

Projects:

- Currently Designing and implementing an iOS app to capture and analyze solar eclipse images as NASA citizen Science Project.
- Image Processing Application: Applied image processing techniques (cropping, filtering, optimization).
 - Collaborated in a team of 2 students using GitHub for version control and task management.
 - Tools/Tech: VSCode, Python, Python GUI, GitHub, LaTeX documentation.

PROFESSIONAL EXPERIENCES:

Kentucky Mesonet Intern, September 2025–Present

- Developing an automated weather-image classification system using Python, OpenCV, and deep learning models (CNN/Vision Transformers).
- Building a full data pipeline to process 5,000+ weather images collected from statewide Mesonet cameras.
- Implementing model training scripts, data labeling workflows, and performance evaluation metrics.
- Designing a recognition module to classify fog, rain, snow, night/day, and unknown conditions with high accuracy.
- Optimizing image preprocessing and batch pipelines for efficient deployment.
- Collaborating with the Climate Center director and research team to integrate the AI model into Mesonet's operational infrastructure.
- Documenting system architecture using LaTeX and maintaining the code repository on GitHub.
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Sport Events Coordinator, American University of Afghanistan, Kabul. Jan 2019 – May 2019

- Arranged and managed 13 in-campus Soccer and Cricket games.
- Scheduled training sessions for volleyball, soccer, and cricket teams.
- Purchased necessary sport equipment.
- Managed the storage for sport equipment.

Internet Service Provider (Team Member), Arian Afghan Internet Service Provider (ISP). Feb 2020 – Sep 2021

- Responsible for installing devices in houses and offices for Internet access and reliability.
- Lead a team of 6 technicians that accomplished both efficiency and customer satisfaction.
- Maintenance of main antenna and customers networks for over 300 customers.
- Distributing tasks between for a team of 6 technicians.
- Managing and prioritizing customers requests and problems to achieve customer satisfaction.

