

# Kiarash Akbari

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## SUMMARY

AI Software Engineer and Computer Engineering student at Ferdowsi University. Recently worked as a remote software associate for TELUS (Canada). Focused on building efficient backend architectures and implementing Machine Learning models from first principles.

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## EXPERIENCE

### Software Engineering Associate TELUS (Canada) | Remote | 2025

- Collaborated with engineering teams on enterprise software tasks, managing version control via Git and applying backend best practices to production environments.
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## TECHNICAL PROJECTS

### Network Intrusion Detection System (NIDS) | Python, Network Security

- Developed a forensic tool to parse network traffic logs and automate anomaly detection using Python.
- Source: [github.com/KiarashAkbari/NIDS-Forensic-Tool](https://github.com/KiarashAkbari/NIDS-Forensic-Tool)

### Full-Stack Web Application (Project CLONE-1) | Python, JavaScript

- Built a functional full-stack replica of a major web service to implement complex UI logic and backend data flow.
  - Source: [github.com/KiarashAkbari/CLONE-1](https://github.com/KiarashAkbari/CLONE-1)
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## TECHNICAL SKILLS

- Languages: Python (7 months intensive), JavaScript.
  - AI & ML: Neural Networks, Scikit-learn, TensorFlow, NumPy.
  - Systems: Ubuntu Linux (Daily Driver), Git & Version Control.
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## EDUCATION & COURSES

B.Sc. Computer Engineering Ferdowsi University of Mashhad

2023 – Present

### • Certifications

- Python & ML ([Jadi Mirmirani](#)), 100 Days of Code ([Angela Yu](#)),
- Modern JS ([Brad Traversy](#)),
- Cybersecurity ([Cybrary](#)).