ARMAN RADMANESH

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SUMMARY

Master's student in Data Science and Analytics (OU) and Graduate Research Assistant with **10+ years** of software engineering experience. Skilled in Agentic AI workflows, Prompt Engineering, RL-based LLM post-training, Retrieval Augmented Generation (RAGs), Coding Agents, and pipeline development for multi-agent systems. Experienced in cloud computing, web development, and scalable, user-focused applications.

EDUCATION

Master of Science in Data Science and Analytics   Graduating Dec 2026
University of Oklahoma, Norman, OK

Bachelor of Computer Engineering, minor in Information Technology   Graduated Dec 2011
Amirkabir University of Technology, Tehran, Iran

SKILLS

Programming And Frameworks: Python, Java, Spring, C++, JavaScript/TypeScript, ReactJS, Next.js, Node.js, Express.js, HTML5, CSS3, Sass, jQuery, Tailwind CSS, Webpack, Grunt, and Bun

AI and Machine Learning: LLM inference & fine-tuning, RL-based post-training, RAGs, Prompt Engineering, Agentic AI workflows, multi-agent pipelines, testing/benchmarking, and data preprocessing

Other: SQL and NoSQL Databases, Unix command-line tools, Git, Docker, API design and RESTful services

Languages: English, Farsi

PROFESSIONAL EXPERIENCE

University of Oklahoma, Norman, OK   Dec 2024 – present
Graduate Research Assistant
  • Researching multi-agent code generation and testing with focus on Agentic AI workflows, Prompt Engineering, RL-based LLM post-training, and RAGs; building pipelines to improve system robustness.

New School for Social Research, Gorgan, Iran & Norman, OK   Aug 2022 – Feb 2025
Software Developer and Researcher
  • Built Jamasp (https://jamasp.app), a scalable platform for wearable-device research with participant management and AI-enabled analytics.
  • Developed Lens (Cut) (https://cut.social), a mobile-friendly toolkit (ReactJS, MongoDB) for behavioral experiments such as ultimatum games, memory tests, and fasting studies.

Freelance Software Developer, Gorgan, Iran & Norman, OK   2018 – 2024
Software Developer
  • Developed web apps with Java, ReactJS, PHP, and Google Cloud, delivering dynamic cloud-based solutions.

BongaMonga, Tehran, Iran   2016 – 2018
Senior Software Engineer
  • Developed BongaMonga®, a real estate web app linking buyers and renters with Play! 2.x.

WhiteOx, Rasht, Iran   2015 – 2016
Senior Software Engineer
  • Built a multiplayer card game UI, poker analysis app, and prize system that doubled ROI in one year.

Ratnic, Tehran, Iran   2014 – 2015
Senior Software Engineer / Co-founder
  • Developed a quiz-based social platform and supervised the design of an optimized flight ticket search engine.

IRS, Tehran, Iran   2013 – 2014
Software Engineer
  • Designed and developed the front-end for Clonet, a firewall appliance solution.

ICT Research Institute, Tehran, Iran   2012 – 2013
Research Engineer and Developer
  • Developed experimental knowledge engineering and semantic methods focused on ontology and logic.

REFERENCES

Dr. Nicholson cnicholson@ou.edu   **Dr. Cao** jie.cao@ou.edu   **Dr. Salari Rad** salam955@newschool.edu