Abdul Hadi Fawad

405-328-3319 | abdulhfawad@gmail.com | linkedin.com/in/hadi | hadi-fawad.com

Education

University of Oklahoma Norman, OK
B.Sc. Computer Science *August 2020 – May 2024*

Programming Languages & Technologies

Languages: C++, Python, Linux, JavaScript, Java, Node.js, React.js, SQL

Technical Skills: Azure, Git, Docker, Pytorch, Keras, Matplotlib, MLFlow, OpenCV, Hyperparameter Tuning

Experience

SAIC April 2024 - Present
Machine Learning Engineer *Dallas, Texas*

- Member of the research and development team in the AI department, working on projects and proof-of-concept work for internal and external clients to showcase the latest technologies and ways to effectively implement them.
- Contributed to a large array of projects at various stages, from computer vision to NLP and generative AI, involving data ingestion, fine-tuning models, and developing sophisticated recommendation systems.
- Developed advanced backend validation methods for a computer vision system, increasing accuracy and saving over 1,000 hours of manual work weekly for both internal and external clients.
- Created in-depth documentation and step-by-step guides on building RAGs, tuning LLMs, and hosting applications, supporting a team of 40+ ML engineers.

GAEIA March 2024 – Present
Research Contributor *Palo Alto, CA*

- Part of the 2024 cohort of the Global Alliance on Ethics and Impact of Advanced Technologies, surrounded by industry professionals and PhD students.
- Currently focused on developing research proposals comparing open versus closed source data studies, collaborating with global experts in the field.

Stanford University August 2023 - May 2024
Research Assistant *Palo Alto, CA*

- Conducted extensive data analysis using advanced tools and languages, including Python and R, on datasets exceeding 1TB in size.
- Applied statistical techniques and methodologies to derive meaningful insights from complex datasets, enhancing the understanding of heart-transplant methodologies.
- Leveraged machine learning algorithms to develop predictive models, contributing to a research paper being submitted to Nature.
- Contributed to lung health and bioengineering laboratory projects, collaborating with multidisciplinary teams.

Spectrum May 2023 - August 2023
Software Engineer Intern *Austin, TX*

- Led the development, implementation, and demonstrations of a system that automated the update process for the development environments of over 200 engineers simultaneously.
- Reduced a task that typically required more than 100 hours of manual effort to just 5 minutes, ensuring a cohesive development structure and adherence to best practice standards across the enterprise engineering department.

The Big Event August 2021 - May 2023
Software Developer *Oklahoma City, OK*

- Collaborated on the seamless sorting and matching of over 6,000 students with 200 organizations using Java, facilitating high impact volunteer-jobsite engagements. Saving the state of Oklahoma $600,000 through philanthropic efforts in 1 day.

Awards

HackHarvard

- **2nd Place Overall,** Ranked 2 out of 160 Teams at one of the most Competitive Hackathons in the Nation.
- **Best use of Github,** Recognized for the most outstanding and creative use of Github.