

Ali Habibullah

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TECHNICAL SKILLS

Strategic Skills: Executive Reporting, Analytics Automation, KPI Development, Technical Training, Data-Driven Decision Support, Performance Optimization

AI & Analytics: Predictive Modeling, Machine Learning, Deep Learning, Statistical Analysis, Data Visualization, ETL Pipeline Development, Cloud Computing (Azure)

Technologies & Tools: Python, SQL, C#, Pandas, NumPy, PyTorch, Scikit-learn, Matplotlib, Power BI, Azure, Git, Laravel, Django, Angular

PROFESSIONAL EXPERIENCE

Research Engineer

November 2023 – Present

King Abdullah University of Science and Technology (KAUST)

- Served as academic lead and managed the four-stage KAUST Academy AI Specialization Program across the 2025 and 2026 batches, receiving over 30,000 total applications, from which top students were selected through a highly selective filtering process for global summer internships at various institutions worldwide
- Assisted in teaching over 1000 students the fundamentals of machine learning and deep learning using PyTorch
- Worked across different universities including: King Abdullah University of Science and Technology (KAUST), King Abdulaziz University (KAU), University of Jeddah (UJ), Ummul Al Qura University (UQU), Princess Nourah Bint Abdulrahman University (PNU), and King Fahd University of Petroleum and Minerals (KFUPM)
- Supervised over 300 students during an intensive summer training program in Computer Vision (CV), Generative AI, Reinforcement Learning (RL), and Natural Language Processing (NLP). This condensed program is equivalent to two full Masters courses
- Served as Teaching Assistant for the "Deep Generative Modeling," "Natural Language Processing Applications," and "Master's Directed Research" courses across the 2024/2025 and 2025/2026 academic years.

Software Developer

June 2023 - June 2024

Lyrae Digital

- Product managed GA_Universe, a local low-code/no-code platform
- Oversaw the JIRA ticketing system
- Conducted Quality Assurance for all submitted tickets
- Managed the documentation website as an open-source project using Docusaurus

Intern

KAU HPC Center

June 2022 - October 2022

- Resolved critical issues in the admin dashboard and other sections
- Developed user interfaces and backend logic with Laravel, HTML, Tailwind CSS, and React JS
- Led the AZIZ account request feature development
- Selected for a leadership role as an intern, managing the team of 8 other interns, overseeing project tasks
- Maintained version control of the website on GitHub

EDUCATION

King Abdulaziz University

February 2019 - February 2023

B.Sc. in Computer Science, GPA: 4.98/5

King Abdullah University of Science and Technology (KAUST)

June 2023 - August 2023

Artificial intelligence Summer School

- Selected from over 10,000 applicants for fully-sponsored intensive program focused on Natural Language processing, Computer Vision and Reinforcement learning.

ACHIEVEMENTS & CREDENTIALS

Professional Certifications

- Meta Back-End Developer
- Machine Learning Specialization
- Deep Learning
- IBM Data Science Professional Certificate – 5/10 Courses Completed
- Advanced Artificial Intelligence: Computer Vision
- Introduction to Artificial Intelligence

PUBLISHED PAPERS AND PROJECTS

Vote-in-Context (ViC)

- Designed a training-free framework that reframes multi-modal rank fusion as a zero-shot reasoning task for Vision-Language Models
- Introduced S-Grid serialization to enable list-wise video reasoning, achieving state-of-the-art zero-shot retrieval on Multiple benchmarks including MSR-VTT and VATEX

KAUST Academy – AI Specialization

- Contributed to the design and delivery of an intensive 8-week AI specialization program at KAUST, covering foundational and advanced topics across Computer Vision, Generative AI, Reinforcement Learning, and Natural Language Processing