Adil W. Khan

Monmouth Junction, NJ| (732) 470-1853 | adil.w.khan05@gmail.com | LinkedIn | GitHub | Portfolio

EDUCATION

Rutgers University - New Brunswick   **New Brunswick, New Jersey**
B.S in Computer Science & Data Science   *May. 2027*
- **GPA:** 4.00/4.00
- **Related Coursework:** Data Structures, Data Management for Data Science, Computer Architecture, Statistical Inference for Data Science, Introduction to Discrete Structures I & II, Data 101

WORK EXPERIENCE

Nexus Devops   **Remote**
Frontend Developer Intern   *Sep. 2024 – Dec. 2024*
- Constructed and translated 10+ responsive React components from Figma for the marketing site and custom IDE
- Collaborated with 6+ frontend/backend devs to integrate frontend with RESTful APIs to maintain consistent UX/UI
- Offered constructive feedback in design and code reviews, improving UX/UI scores by 25% and task speed by 15%

PROJECTS

House Price Prediction ML Model *(Python, Scikit-learn, TensorFlow, XGBoost)*   *Aug. 2025*
- Developed a model achieving 91.77% (R^2) accuracy in house price prediction, outperforming 6 other algorithms
- Processed 1,460+ housing records with feature engineering/scaling, boosting performance via 5+ custom features

AppTrack By Adil *(Java, Spring Boot, React.js, MySQL)*   *Apr. 2025 - Jun. 2025*
- Created an internship application tracker with 15+ RESTful API endpoints, supporting complete CRUD operations
- Built 25+ responsive React reusable components, achieving 100% compatibility across 3+ device breakpoints

Trick-Or-Treat Simulation *(Java)*   *Dec. 2024*
- Formulated a simulation demonstrating BFS, DFS, and Dijkstra's algorithms for graph traversal and pathfinding
- Implemented 5+ custom Java classes with 10+ methods, applying OOP principles like encapsulation & inheritance

AirQuality *(Java)*   *Nov. 2024*
- Formulated a system to manage 250+ unique data entries using a hashtable of linked lists to store information
- Designed algorithms to compute and display air quality metrics using efficient data structures for organized access

Quiz Game *(React.js, HTML/CSS) (live site)*   *Jul. 2024*
- Engineered an interactive game using Open Trivia Database API to retrieve 4,500+ verified questions in real time
- Orchestrated state and prop management to guide question flow, process input, and track scores dynamically

LEADERSHIP

Islamic Society of Central Jersey   **Monmouth Junction, New Jersey**
Teacher   *Sep. 2021 - Jun. 2024*
- Spearheaded engaging lessons, fostering critical thinking and achieving improvements in performance
- Mentored 4+ junior staff, cultivating a collaborative learning environment and a culture of excellence
- Tailored instruction for 5+ special needs & struggling students, ensuring inclusion, growth, and progress

SKILLS

Languages & Frameworks: Java, JavaScript, Python, SQL, HTML/CSS, Spring Boot, React.js, Node.js, TensorFlow, Scikit-learn
Databases & Tools: MongoDB, MySQL, Git, Pandas, NumPy, Matplotlib, Seaborn, GitHub, Postman, npm
Technologies: VSCode, IntelliJ, PyCharm, Eclipse, Microsoft 365/Office, Jupyter Notebook, XGBoost
Soft: Leadership, Collaboration, Communication, Problem-Solving, Adaptability, Time Management, Critical Thinking