Abdullah Bin Zubair

(336) 929-3580 | abdullah.zubair035@gmail.com | linkedin.com/in/abdullahbinzubair/

Aspiring Computer Science student with a passion for solving complex problems through innovative algorithms and efficient software design. Eager to apply foundational knowledge in programming, data structures, and algorithms to real-world challenges. Highly interested in data science, particularly AI/ML engineering, and committed to contributing to impactful projects while continuously advancing knowledge in the field.

EDUCATION

North Carolina Agricultural & Technical State University — **Greensboro, NC**
Bachelor's in Computer Science CGPA: 3.73 — Aug 2023 - Exp. Grad Dec 2025

Guilford County Community College — **Jamestown, NC**
Associate in Computer Science Transfer CGPA: 3.45 — Aug 2022 - July 2023

Capital University of Science and Technology — **Islamabad, Pakistan**
Bachelor's in Computer Science CGPA: 3.91 — Aug 2020 - March 2022

PROFESSIONAL EXPERIENCE

Allied Universal Security — **Greensboro, NC**
Security Officer — Aug 2022 - Present

- Monitored and patrolled assigned premises to ensure the safety and security of property and personnel.
- Responded to security breaches, alarms and emergency situations, providing a calm and professional resolution.
- Maintained detailed logs and reports of daily activities, incidents and any unusual occurrences.
- Collaborated with law enforcement and emergency services to ensure swift and effective resolution of incidents.

PROJECTS

House Price Prediction Using ML

- Built a regression model to predict house prices using features like location and size.
- Performed data cleaning, feature engineering, and visualization using Pandas and Seaborn.
- Trained and compared Linear Regression, Decision Tree, and Random Forest models.
- Achieved high accuracy and deployed a clean, reproducible end-to-end ML pipeline.

Stock Price Trend Prediction

- Developed a trend prediction model using historical stock market data and time-series features.
- Applied SVM and Random Forest classifiers to predict upward or downward price movements.
- Visualized trends and evaluated model using precision, recall, and confusion matrix.
- Structured the project professionally with modular code, Git version control, and plots.

Scientific Calculator

- Designed and developed a Java-based scientific calculator with a user-friendly GUI.
- Implemented advanced mathematical operations, including trigonometric and logarithmic functions.
- Ensured smooth functionality through effective error handling and intuitive design.
- Applied object-oriented programming principles to build a scalable and maintainable codebase.

Customer Churn Prediction

- Built a classification model to predict customer churn using demographic and service usage features.
- Performed data cleaning, feature encoding, and EDA using Pandas, Seaborn, and Matplotlib.
- Handled class imbalance with SMOTE and trained models like Logistic Regression and Random Forest.
- Achieved strong F1 score and built a modular, production-ready machine learning pipeline.

TECHNICAL SKILLS

- **Languages:** Python, SQL, Java, C++, Bash, HTML/CSS, JavaScript
- **ML/AI Stack:** Scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, Matplotlib, Seaborn
- **Tools & Platforms:** Git, GitHub, VS Code, PyCharm, Jupyter, Google Colab
- **Data & Model Engineering:** Data Preprocessing, Feature Engineering, Model Evaluation, EDA, ETL Cross-validation, Model Deployment
- **Cloud & MLOps:** Google Cloud Platform (Vertex AI, BigQuery)
- **Coursework:** Machine Learning, Deep Learning, AI, Data Structures & Algorithms, Data Science with R, OOP, DBMS, Software Engineering, Web Development

CERTIFICATIONS

- Innovating with Google Cloud Artificial Intelligence – Google (Jun 2025)
- Dell GenAI Foundations – Dell Technologies (Oct 2024)
- Introduction to Generative AI – Google (Sep 2024)
- Introduction to Large Language Models – Google (Sep 2024)
- Introduction to Responsible AI – Google (Sep 2024)
- Using Python to Interact with the Operating System – Google (Jan 2025)
- Crash Course on Python – Google (Dec 2024)