

# Arslan Khalid

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## EXPERIENCE

### Data Science Intern

July & August 2024

*Internncraft, Kharachi*

As a Data Science Intern at Internncraft, I worked on analyzing and predicting sales trends, as well as real estate pricing. I was responsible for data preprocessing, feature engineering, scaling, and pipeline. Additionally, I focused on hyperparameter tuning and model training, ensuring accurate evaluation and robust predictive models.

## PROJECTS

**Thyroid Disease Detection** Developed a machine learning model to diagnose thyroid diseases, comparing K-Nearest Neighbors, Random Forest, and SVM models. Achieved 97.6% accuracy with Random Forest, focusing on data preprocessing, feature engineering, and model evaluation.

Link: [Thyroid Disease Detection](#)

**Email Spam Classifier** Developed and fine-tuned machine learning models to classify emails as spam, improving filtering accuracy. Compared algorithms like Naive Bayes, Logistic Regression, SVM, Decision Trees, and K-Nearest Neighbors, using hyperparameter tuning and cross-validation for optimization.

Link: [Email Spam Classifier](#)

## EDUCATION

### Bachelor of Science in Computer Science

2022 – Current

*Comsats University Islamabad, Wah Campus*

## SKILLS

- Python Libraries (Pandas-NumPy-Seaborn-Matplotlib-Scikit Learn)
- Data Science: Machine Learning, Data Analysis, Data Pre-processing, Data Exploration, Data Wrangling, Data Visualization
- Power BI
- Git Hub

## Volunteering

### Co-Lead, Events & Logistics Team ACM Society

2024 - Current

*COMSATS University Islamabad, Wah*

Organized events and managed logistics for society activities.