

Ilsa Khan Baqai

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WHY ME?

A highly motivated and enthusiastic undergraduate student of computer Sciences. Able to use own initiative and with a team under pressure to achieve goals and objectives. First-class communication and presentation skills with the will and determination needed to succeed. Always interested in learning new things and believes that there is a place for improvement in everyone. Active member of curricular and co-curricular activities as a leader and team member both.

EDUCATION

Bachelor of Computer Sciences

FAST-NUCES, Karachi, 2012-present

CGPA: 3.05

Intermediate, Pre-Engineering

Bahria College Karsaz, Karachi, 2010-2012

Grade: A

Matriculation,

Mama Parsi Girls' Secondary School, Karachi, 2000-2010

Grade: A+

EXPERIENCE

Intern, National Data Consultancy, Karachi.

-Worked on the integration and generation of reports in the Reporting Module of Insight, a Business Intelligence tool by Temenos.

PROJECTS

Stock Market Data Analysis (Data Warehousing and Machine Learning)

Technologies/Tools used: Microsoft SQL Server Management studio, SQL Server Business Intelligence Development Studio and Python.

- Dimensional modeling of raw data of PSX.
- Warehousing and analysis of stock market data with respect to blue chip companies.
- Trend analysis and relation between share price of blue chip and other listed companies of same sector.
- Predictive analysis of share prices of listed companies using machine learning and data mining algorithms.

LinkRec (Intelligent Analysis of LinkedIn profiles)

Technologies/Tools used: Python

- Applied classification algorithms in Python (Scikit) on LinkedIn profiles.
- Led the research unit of the Final Year Project based on data analysis of LinkedIn profiles for job recruitment using Machine Learning algorithms.

LinkRec Promotional website (website for marketing phase of Final Year Project)

- An object oriented MVC web application built on codeigniter facilitating the marketing Of the application made as final year project.

BooksAreUs (Web application)

Technologies/Tools used: PHP Codeigniter, MySQL, HTML, CSS, JavaScript.

An object oriented MVC web application built on codeigniter facilitating sharing of books.

- Developed the books' sharing module

Hotel Management System (Design Patterns and Refactoring)

Languages used: Java, MySQL

- Performed critical analysis of the system to highlight flaws in order to refactor the code and utilize the flexibility of design patterns.
- Applied refactoring techniques and design patterns where structural flaws in code were detected

Research Paper on Advance Persistent Threat and initiative at global level

- Conducted academic research on Advance Persistent Threat and devised its solutions at a global initiative level.

Research project on cultural imperialism in Pakistan (Non Technical Project)

- Conducted a social research on foreign content on television and the cultural changes of Pakistan in relation to the foreign content.

RESPONSIBILITIES AND ROLES

- Served as the Editor-in-Chief of Media and Publications Society, year 2015-2016
- Served as the Academic Curator of The Grand Debate, 2016
- Served as the President of FAST Model United Nations 2014
- Served as the Head of Public Speaking House, year 2014-2015
- Served as the Deputy Head of Public Speaking House, year 2013-2014
- Served as the Secretary General of FAST Intra Model United Nations 2013
- Member of The Literary Club, FAST-NUCES, 2012-2016
- Member of Media and Publications Society, FAST-NUCES, 2012-2016
- Member of School's Scrabble team.
- Member of First Aid and Emergency Response Team in School.
- Committee Director of various Model United Nations conferences.
- Adjudicated various Parliamentary Debates Tournaments

AWARDS AND ACHIEVEMENTS

- 1st position**, qualifying round of Annual Coder's cup by ACM, FAST-Karachi Chapter.
- Best Delegate Award**, Model United Nations IBA Karachi, 2014.
- Best Delegate Award**, FAST Model United Nations, 2013
- Honorable Mention Award**, College of Business Management Model United Nations, 2013.
- First Position** on presenting a research paper 'Cultural Imperialism in Pakistan' in a competition at FAST-NUCES.
- 6th position** in top 10 speakers of ROTATE 2.0 (All Karachi parliamentary debate tournament)
- 8th position** in top 10 speakers of Excel Cup (All Karachi Parliamentary Debate tournament)
- 3rd position** in Intra School bilingual Declamation Contest, 2008.
- 4th position** in Intra School bilingual Declamation Contest, 2007.

REFERENCES

Can be furnished upon request.