Curriculum Vitae

# Objective

I would like to use my science-based knowledge, experience and skills for the betterment of a society, which includes teaching, lab experiments and product developments in my areas of interests. I will be keen in exploring new avenues of research in the field of software/computer science and engineering that will be achieved by becoming a top researcher in the future. My objective is to become a successful software and computer scientist.

# Personal Information

First Name: Salman Ubaid

Last Name: Bhatti

Date of birth (age): 06.11.1987 Nationality: Pakistan

Residence: Lahore

Email: salman.batti51@gmail.com

Marital Status: Married

Address: Lahore

# Qualification MS Computer Science (18 years of education)

CONCENTRATION: Advanced Theory of Computation, Advance Algorithm Analysis, Advanced Software Engineering, Advanced Computer Networks, Advanced Human Computer Interaction, Semantic Technologies

# MIT, (16 years of education)

CONCENTRATION: Computer Programming, Data Communication and Internet Protocols, Software Engineering, Database Design and Management, Database Administration, Data Warehousing and Data Mining, Internet Programming, Network Design and Security, IT Project Management

**MBA, (16 years of education)**

Concentration: Information System, Business Mathematics and Statistics, Research Methods, E-Commerce, Entrepreneurship, Strategic Management, Organizational Behavior, Production/Operations Management, Principles of Management

**MSC Mathematics, (16 years of education)**

Concentration: Numerical Analysis, Partial Differential Equations, Fractional Calculus, Ordinary Differential Equations, Algebra, Real Analysis, Topology

# Academic details

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Institution** | **Location** | **Year** |
| B.Sc | Punjab University | Pakistan | 2007 |
| B.Ed | Punjab University | Pakistan | 2012 |
| MIT | Punjab University | Pakistan | 2010 |
| MBA | Virtual University | Pakistan | 2011 |
| MSC Maths | NCBA & E | Pakistan | 2023 |
| MS CS | UOL | Pakistan | 2017 |

# Workshops and Training

* 5th workshop on field and assistive robotics held at LUMS, Lahore in November 1st, 2013.
* Context Aware Technologies for Assistive Robotics, held at LUMS, Lahore in December 7th, 2013.

# Certifications

* Applied Data Science Module from WorldQuant University (<https://wqu.thedataincubator.com/certificate/4728572048572416_full>)
* Scientific Computing and Python for Data Science from WorldQuant University (<https://wqu.thedataincubator.com/certificate/5763773939843072>)
* Machine Learning and Statistical Analysis from WorldQuant University (<https://wqu.thedataincubator.com/certificate/4728572048572416>)

# Professional skills

Programming Languages:

* C++, Matlab
* Java, Javascript
* Python (Frame works: scikit learn, tensorflow, keras, opencv)
* Databases(SQL, NoSQL)
* Machine Learning and Deep Learning

# Professional Tools

* Jupiter notebook
* WEKA
* Visual Studio

**Publications**

* **SALMAN UBAID BHATTI**, KHALID HAMID, ADNAN BASHIR, ZISHAN ZAFAR, AHMAD RAZA, MUHAMMAD WASEEM IQBAL,”SOLUTIONS, COUNTERMEASURES, AND MITIGATION METHODS FOR THE RISE OF AUTOMOTIVE HACKING”,Journal of Tianjin University Science and Technology,Vol:56 Issue:06:2023
* DILAWAR HUSSAIN, SHAHARYAR RAFIQ, USAMA HASEEB, MUHAMMAD WASEEM IQBAL, KHALID HAMID, **SALMAN UBAID BHATTI**, MUHAMMAD AQEEL,”HCI EMPOWERED AUTOMOBILES PERFORMANCE BY REDUCING CARBON-MONOXIDE”,Journal of Jilin University (Engineering and Technology Edition), Vol: 41 Issue: 12-2022
* KHALID HAMID, HAFIZ ABDUL BASIT MUHAMMAD, MUHAMMAD WASEEM IQBAL, M AMEER HAMZA, **SALMAN UBAID BHATTI**, SYED AMMAR HASSAN “EXTENDABLE BANHATI SOMBOR INDICES FOR MODELING CERTAIN COMPUTER NETWORKS”, Journal of Jilin University (Engineering and Technology Edition), Vol: 41 Issue: 11-2022
* HAFIZ ABDUL BASIT MUHMMAD, **SALMAN UBAID BHATTI**, M. ASHRAF NAZIR, TAHIR MEHMOOD BASHIR, SYED AMMAR HUSSAIN, KHALID HAMID, “ML-BASED USABILITY EVALUATION OF EDUCATIONAL MOBILE APPS FOR GRWON-UPS AND ADULTS”,Journal of Jilin University (Engineering and Technology Edition), Vol: 41 Issue: 12-2022
* KHALID HAMID, MUHAMMAD WASEEM IQBAL, **SALMAN UBAID BHATTI**, NAZIM HUSSAIN, MADIHA FATIMA, SABA RAMZAN,”IRREGULARITY INVESTIGATION OF CERTAIN COMPUTER NETWORKS EMPOWERED SECURITY”, Journal of Jilin University (Engineering and Technology Edition), Vol: 41 Issue: 12-2022
* KHALID HAMID, MUHAMMAD WASEEM IQBAL, ZUBAIR FUZAIL, HAFIZ ABDUL BASIT MUHAMMAD, ZAEEM NAZIR and **SALMAN UBAID BHATTI**, “EMPOWERMENT OF CHEMICAL STRUCTURE USED IN ANTI-CANCER AND CORONA MEDICINES”, Journal of Tianjin University Science and Technology, Vol: 55 Issue:08:2022
* FAKHAR ABBAS , AYOUB RASHID CHAUDHRY , MUHAMMAD IMRAN UL HAQ, HAFIZ ABDUL BASIT MUHAMMAD, KHALID HAMID, MUHAMMAD WASEEM IQBAL, and **SALMAN UBAID BHATTI**, “RESPONSE SURFACE METHODOLOGY FOR THE EXTRACTION OF POLYPHENOL CONTENTS AND HPLC PROFILING OF CUCUMIS SATIVUS PEELS”, Journal of Jilin University (Engineering and Technology Edition), Vol: 41 Issue: 10-2022
* KHALID HAMID, HAFIZ ABDUL BASIT MUHAMMAD, MUHAMMAD WASEEM IQBAL, M AMEER HAMZA, **SALMAN UBAID BHATTI,** MUHAMMAD AQEEL, “TOPOLOGICAL ANALYSIS EMPOWERED BRIDGE NETWORK VARIANTS BY DHARWAD INDICES”, Journal of Jilin University (Engineering and Technology Edition), Vol: 41 Issue: 10-202

# Projects

* To train and built the model of linear regression to predict the prices of homes for “Dragon Real Estates”.
* Develop the NLP model for product review. The reviews are for only products in "Electronics" category. The objective is to train a model to predict the rating, ranging from 1 to 5 stars.
* Car price prediction by using kaggle data set

Experience

* Lecturer of Computer Science

SABAC college Lahore from 2017 to 2021

Subjects Teach: Software Engineering, Analysis of Algorithms, Mobile Computing and Cloud Computing.

* Lecturer of Computer Science

Infinity School of Engineering since 2021

Subject Teach: Programming Fundamentals, ICT, Analysis of Algorithm.

# Languages

* English (Fluent)
* Urdu
* Punjabi

# References

1. Will be furnished on demand