

FURQAN HUSSAIN ESSANI

Contact Information	<i>Contact Number:</i> +92- 219 9261261-8 Extension 2563 <i>E-mail:</i> essanifurqan@gmail.com	
Education	Mohammad Ali Jinnah University, Karachi, Pakistan MS – Computer Science with 3.75 CGPA	Jun '06 – Jul '08
	Mohammad Ali Jinnah University, Karachi, Pakistan BS – Computer Science with 3.76 CGPA	Sep '99 – Dec '02
	Adamjee Government Science College, Karachi, Pakistan HSC – Pre-Engineering with A grade	1997 – 1999
	B.V.S. Parsi High School, Karachi, Pakistan SSC – Science with A-1 grade	1996 – 1997
Teaching Experience	NED University of Engineering and Technology, Karachi, Pakistan Lecturer, Department of Computer Science and Information Technology Aug '22 – to date	
	Usman Institute of Technology, Karachi, Pakistan Senior Lecturer, Department of Computer Science Teaching Undergraduate Computer Science Courses Programming Fundamentals Fall '21, Spring '22 Object Oriented Programming Fall '21	Oct '21 – Jul '22
	Institute of Business Administration, Karachi, Pakistan Research Scholar, Department of Computer Science Teaching Undergraduate Computer Science Courses Introduction to Programming Spring '15, Fall '19 Object Oriented Programming Techniques Spring '14, Fall '14, Spring '17, Spring '21 Introduction to Artificial Intelligence Spring '16, Fall '17, Spring & Fall '18, Spring '19	Feb '14 – Jun '21
	Bahria University, Karachi, Pakistan Lecturer, Department of Computer Science	Sep'09 – Jan '14
	Mohammad Ali Jinnah University, Karachi, Pakistan Visiting Faculty Teaching Graduate Level Course to MBA Students Business Mathematics and Statistics, Fall '08 and Spring '09	Sep '08 – May '09
	Teaching Assistant Business Mathematics and Statistics, Fall 2007	Sep '07 – Dec '07
	BVS Parsi High School, Karachi, Pakistan Head of Department Computer Science Curriculum Planning and Follow up Coordinating academics from Grade I to X (Both AKU & Cambridge) Checking Planners & Assessment Record of Department Maintaining Computer Labs and Providing Technical Assistance to Staff Maintaining School Website and Electronic Grade Notification System	Dec '08 – Aug '09
	Lead Teacher	Sep '06 – May '09

Khatri Students' Progressive Movement, Karachi, Pakistan

Volunteer Teacher

1998 – 2003

Taught Computers, Mathematics and English to SSC and HSSC level as part of Social Activity

Journal
Publications

Essani, F.H.; Haider, S. An Algorithm for Mapping the Asymmetric Multiple Traveling Salesman Problem onto Colored Petri Nets. *Algorithms* 2018, 11, 143. [HEC 'X' Category in Computer Science]

Hussain, F. and Rajput, Q. Ontology Based System for Expert Searching in Academia using SWRL and SPARQL, KIET Journal of Computing & Information Sciences, 2(1), 2019, pp. 74-84 [HEC 'Y' Category in Computer Science]

Industry
Experience

Aventech Software (Pvt.) Ltd. Karachi, Pakistan

Assistant Network Administrator

Mar '05 – Apr '06

LAN Setup, Management and Troubleshooting
Windows and Linux based Server management
Software Installation, Troubleshooting
Enforcing Information Security
Implementing Backup and Recovery Procedures
Technical Purchasing

Co –
Curricular
Activities

Program Committee Member

7th International Conference on Information and Communication Technologies, 30-31 December 2017

Faculty of Computer Science, Institute of Business Administration, Karachi

Mathematics Association of Pakistan (MAP)

Attended workshops on various topics of Mathematics conducted under the MAP at the Aga Khan University – Institute of Educational Development

Awards &
Achievements

Four times selected in the University's Chancellor's List

For securing term GPA between 3.8 and 4.0 on a 4.0 scale.

Distinction in Chemistry in SSC examination

Secured 95 marks out of 100, highest in that particular academic year

Participations

Participant at Interschool Quiz, Debate & Essay Competition

Represented BVS Parsi High School at National level Quiz, Debate & Essay Competition Future Pakistan 2007 organized by the Government of Sindh at the NCR – CET Intermediate College

Participant at ITCN Asia ProQuest '02

Represented Mohammad Ali Jinnah University at National level Quiz, Programming and Hacking competition organized by ACM Student Chapter Karachi University

Participant at Softcom 2001

Represented Mohammad Ali Jinnah University at National Level Quiz, Programming and Software Competition held at Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

Participant at PROCOM 2001

Represented Mohammad Ali Jinnah University at 4th All Pakistan Programming and Software Competition held at FAST-NU Karachi

References

Dr. Sajjad Haider

Professor

Department of Computer Science, School of Mathematics and Computer Science, Institute of Business Administration,

Karachi, Pakistan

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Dr. Shahid Hussain

Chairperson and Assistant Professor

Department of Computer Science, School of Mathematics and Computer Science, Institute of Business Administration,

Karachi, Pakistan

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