

Altaf Hussain

Date of birth: 06/09/1995 | **Nationality:** Pakistani | **Gender:** Male | **Phone number:** (+92) 3155285462 (Mobile) | **Email address:** altafbintariq@gmail.com | **LinkedIn:** https://www.linkedin.com/in/altaf-hussain-096388108/ |

WhatsApp Messenger: +923155285462 |

Address: Usman town, Jhangi syedan, Islamabad, 44000, Islamabad, Pakistan (Home)

ABOUT ME

I am a passionate and dedicated individual with a strong academic background in Software Engineering, holding a Master of Science degree in Software Engineering with distinction. I have developed a keen interest in exploring innovative solutions to complex technological challenges throughout my academic journey. My educational experiences have instilled in me a deep appreciation for research and a desire to contribute to advancing knowledge in my field.

EDUCATION AND TRAINING

15/09/2019 – 30/09/2021 Islamabad , Pakistan

MASTER OF SOFTWARE ENGINEERING Riphah International University

By covering all of the important activities of software requirements elicitation through the software-based tool process, the thesis offered an outline of the Challenges and Criteria of software requirements elicitation through the tool process.
In this work, we've included some of the prospective requirements elicitation research parts that haven't been fully resolved yet, but we believe should be addressed in the coming years:

- Closing the gap between theory and practice, as well as between experts and novices
- Trying to figure out how to collect and reuse knowledge regarding needs elicitation
- Integration and application of emerging technologies, such as web and agent-based architectures, in the next generation of support tools
- Increasing industry analysts' and stakeholders' awareness and education create rules for tool selection and regulating the effects of external factors on the process.

Address Sector I-14, Islamabad, 46000, Islamabad , Pakistan | **Website** https://www.riphah.edu.pk/ | **Final grade** 3.63/4.00 |

Thesis Challenges & Criteria of Using Software-Based Requirement Elicitation Tools: A Systematic Literature Review

2012 – 2016 Taxila, Pakistan

BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY University of Engineering and Technology (UET), Taxila

Final Year Project:
Academic Guider: web-based search engine containing different search filters to find the best school/college based on the student requirements.
Courses:

- Software Engineering
- OOP
- Data Structures
- Web Development

Address UET - HMC Link Rd, Taxila, 46000, Taxila, Pakistan | **Website** https://web.uettaxila.edu.pk/

2010 – 2012 Islamabad, Pakistan

INTERMEDIATE (ICS) FBISE

2008 – 2010 Islamabad, Pakistan

MATRICULATION (SCIENCE) FBISE

WORK EXPERIENCE

18/09/2024 – CURRENT Islamabad, Pakistan
LECTURER AIR UNIVERSITY

- Develop and deliver comprehensive lectures on game development topics including game design principles, programming, and digital asset creation using industry-standard tools and technologies.
- Mentor and supervise students on individual and group projects, guiding them through the entire game development lifecycle from conceptualization to deployment.
- Collaborate with colleagues to continuously update and enhance the curriculum, ensuring alignment with current industry trends and technological advancements in the gaming sector.
- Assess and grade student performance through written assignments, coding challenges, and game project evaluations.
- Facilitate workshops and seminars on specialized topics like AI in games, 3D modeling, animation, and game physics to deepen students' understanding of complex gaming concepts.
- Participate in departmental meetings and contribute to developing new courses and academic strategies to enhance student engagement and learning outcomes.
- Maintain office hours to provide individual support to students, addressing their academic progress, projects, and career guidance queries.
- Foster industry connections and organize guest lectures, workshops, and collaborative projects with gaming professionals to give students real-world insights.
- Conduct research in the field of game development, contributing to academic publications and staying updated with the latest trends in gaming technology and development methodologies.

02/09/2023 – 31/08/2024 Islamabad, Pakistan
TEST DAY OFFICER BRITISH COUNCIL

- Track and monitor player attendance and participation using game development or management systems.
- Assist in troubleshooting and resolving technical issues encountered during game testing sessions.
- Collaborate with the Game Development Manager for coordinating events, playtesting sessions, and venue planning for live or competitive gaming events.
- Ensure proper storage and handling of game assets, source code, and development materials, adhering to industry compliance standards, and report any discrepancies.
- Reconcile game assets and materials after testing or event sessions according to compliance standards and escalate discrepancies.
- Ensure proper procedures and documentation when transferring game builds or assets to external teams or distribution platforms.
- Facilitate timely payment or rewards for game testers, developers, and contributors.
- Manage results and feedback from playtesting or beta sessions to support the development and balancing of the game.
- Ensure timely review and submission of playtesting recordings, bug reports, and game feedback for further evaluation and development adjustments.

20/11/2021 – 31/08/2023 Islamabad, Pakistan
SENIOR SOFTWARE QUALITY ENGINEER IKONIC SOLUTION

- I am experienced in testing skills on how to validate or ensure the quality of the software product so that it may be stable in the long run.
- Strong testing strategies, planning & cases to ensure high-level quality.
- Detailed Functional and Non Functional Testing
- Write and Execute Test Cases using TFS and MTM.
- Work on end-to-end SDLC, agile testing methodologies, and test phases including system, regression, and performance testing.
- Black Box Testing and cross-browsing testing.
- Working in an Agile Environment (SCRUM).
- Develop and Design Test Cases through Microsoft Test Manager.
- Traceability Matrix and fill in review checklists and test matrices
- End to End flow Testing, and Regression Testing
- Proficient in SQL Queries.
- I am performing Bug/Issue root cause analysis.
- Performing QA tasks during all stages of SDLC
- Define methods that determine product quality
- Communicate with the offshore development team and onshore Project Managers and Business analysis.
- Perform Load/Performance, Database Testing using JMeter
- Create and execute different queries in SQL during the application testing.

01/09/2019 – 31/10/2021 Islamabad, Pakistan
PROJECT MANAGER AQUWA SOFT

- **Project Manager with Additional Responsibilities in Game Design, ASO, and Google Account Management**
- Project Planning and Execution:
    - Develop detailed project plans, including timelines, milestones, and resource allocation.
    - Lead project teams through all phases of development, ensuring goals are met on time and within budget.
- Quality Assurance:
    - Oversee the quality assurance process, ensuring that all deliverables meet the required standards and specifications.
    - Conduct regular project reviews and implement improvements based on feedback.
- Conceptualization and Mechanics Design:
    - Develop original game concepts and design engaging game mechanics and systems.
    - Create and maintain detailed game design documents, flowcharts, and level layouts.
- Prototyping and Testing:
    - Develop and iterate on game prototypes to refine gameplay mechanics and user experience.
    - Conduct playtesting sessions, gather feedback, and implement necessary adjustments.
- Collaboration with the Development Team:
    - Work closely with artists, developers, and other stakeholders to implement game design features.
    - Ensure that all design elements are consistent with the overall game vision.
- Keyword Research and Optimization:
    - Conduct comprehensive keyword research to identify high-traffic, low-competition terms.
    - Optimize app titles, descriptions, and metadata to improve search visibility and ranking on app stores.
- Account Management and Optimization:
    - Manage and optimize Google Play Console accounts to ensure app compliance and maximize visibility.
    - Monitor app performance, analyze user feedback, and implement improvements to enhance app ratings and reviews.

CERTIFICATES & SEMINARS

Fraud Awareness Certified by the British Council-2024

Information Management Certified by the British Council-2024

Safty & Security Certified by the British Council-2024

Understanding Equality, Diversity and Inclusion Certified by the British Council-2024

Scrum Fundamentals Certified by SCRUMstudy-2022

Data visualization Certified with Python-2022

Jmeter Certified by Udemy-2021

Big data 101 Certified by cognitive class-2021

Fundamental of Programing Certified-2020

Customer Centrist Certified by the British Council-2018

Chief Organizer of IoT Conference in Jinnah Convention Center Islamabad-2017

2nd position in All Pakistan Youth Expo in Quiz (General Knowledge/Current Affairs) Competition-2015

Certificate of Appreciation in Bahria University in Quiz Competition-2015

DIGITAL SKILLS

Microsoft Word | Good listener and communicator | Microsoft Powerpoint | Microsoft Excel | Microsoft Office | Organizational and planning skills | İnformation and Data Literacy | Communication and Collaboration | Digital Content Creation | Problem Analysis & Problem Solving | Team-work oriented | Web Designing & Web

Development | Project Management | Agile Methodologies | Scrum | Team Management | SQA | Decision Making Capabilities | Active Listening | Presentation Skills | Time Management | Data Analysis | Client Relations | Unity | Adobe Photoshop | Trello/Jira | Figma | Sensor Tower | Google Play Console

VOLUNTEERING

2018 – 2023 Islamabad, Pakistan

Computer Science Teacher

As a volunteer science teacher in slums, I have the chance to make a meaningful impact in the lives of underprivileged children who may not have access to quality education. I am helping to bridge the gap in educational opportunities and promote science literacy in communities where resources are limited. My dedication and commitment to teaching science in an engaging and accessible way can empower these children to develop a love for learning, pursue higher education, and potentially break the cycle of poverty. Additionally, my presence as a volunteer computer science teacher serves as a positive role model, inspiring and encouraging children to pursue their dreams and aspirations.

LANGUAGE SKILLS

Mother tongue(s): **PANJABI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
URDU	C2	C1	C1	C1	C1
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

2025

Challenges and Criteria of Using Software-Based Requirement Elicitation Tools: A Systemic Literature Review

Under Review

Altaf, H., Muhammad, K.

2025

Fake News Detection with the help of Meta Model Extraction Using NLP & ML Algorithm

Under Review

Altaf, H., Shahzad, K

RECOMMENDATIONS

Dr. Rizwan Bin Faiz HoD Faculty of Computing

Assistant Professor
Faculty of Computing
Riphah International University, Islamabad, Pakistan

Email rizwan.faiz@riphah.edu.pk | **Phone** (+92) 03235592829

Dr. Muhammad Saud Khan Thesis Supervisor

Assistant Professor
Faculty of Computing
Riphah International University, Islamabad, Pakistan

Email muhammad.saud@riphah.edu.pk | **Phone** (+92) 03005034360

Mr. Shahzad Ahmed Khan Senior Lecturer

Senior Lecturer
Faculty of Computing
Riphah International University, Islamabad, Pakistan

Email shahzad.khan@riphah.edu.pk | **Phone** (+92) 03417857250