



Yazid M. AL-Badarin

PhD Candidate in Computer Science

MA in Master of Arts in Education

BSc in Information Technology

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Academic Qualifications

[Sep/2011–Jul/2013]: Al-Quds University, Al-Quds Bard College for Arts & Sciences (AQB), Master of Arts in Teaching Program, Concentration: Mathematics.
<http://bard.alquds.edu/academics/mat>. **Academic Research Project (ARP) Title:** "Poisson Distribution." **Supervisor:** Dr. Khalid Salah. **Classroom Research Project (CRP) Title:** "How to use pattern blocks to improve and enhance fifth-grade students in learning fractions." **Supervisor:** Dr. Jeanne Albert. (86.8%)

[Sep/2004–Jul/2008]: Al-Quds University, Computer Science and IT Department
<http://www.alquds.edu/en/faculty-of-science-technology/departments-of-computer-science-it.html>. Information Technology B.Sc. **Senior Project Title:** "Implementing Voice over Internet Protocol (VOIP) on Al-Quds University Network." **Supervisor:** Dr. Fatimah Hallak. (80.0%)

[Sep/2003–Jul/2004]: Al-Samou' Secondary School, Al-Tawjehi Examinations Certificate, (Diploma) Scientific Stream (93.2%).



Work Experience

[Aug/2020–Current]: Acting Program Head of the Computer Science Program and Lecturer in Computer Science, Al-Quds Bard College for Arts & Sciences, Al-Quds University, Main Campus, Abu Dis. **Responsibilities:** Leading, managing, and developing the CS program to ensure it achieves the highest possible standards of excellence in all its activities and represent the University both internally and externally. Additionally, I am responsible for overseeing and leading all academic and non-academic activities related to the computer science program, teaching courses, monitoring students' academic progression, supervising students' senior projects, and conducting workshops and training in the field.



[Oct/2011–Current]: IT Manager, Al-Quds Bard College for Arts & Sciences, Al-Quds University, Main Campus, Abu Dis. **Responsibilities:** Overseeing the implementation and maintenance of the college's systems, managing a team of IT professionals, and ensuring the efficient use of technology to meet the college objectives.



[Jan/2018–May/2019]: Translator / Facilitator-Coach, Carey Institute for Global Good, Rensselaerville, NY. **Responsibilities:** I was responsible for assisting with the translation of an English language course entitled Tawasol: Learning Coexistence for a pilot project with Plan International Egypt. In particular, building the existing English language H5P objects in the course in Arabic and providing any additional support with finalizing the Arabic version of the course. Furthermore, I was also responsible for monitoring and supporting participants on the platform through assistance with onboarding, facilitation of discussion forums, or other coaching tasks in Arabic.



[Oct/2009– Oct/2011]: Teaching Assistant (TA), Computer Science & IT Department, Al-Quds University, Main Campus, Abu Dis.

Responsibilities: Assisting the instructor in the preparation and delivery of lectures, grading assignments and exams, holding office hours to provide students with additional support, and conducting research in the field.



Patents

[Sep/2020–Current]: Augmented Reality Smart Glasses for Deaf and Hard Hearing (DHH) Individuals, patent No. 346. (Pending) Palestine, State, Ministry of National Economy <http://www.mne.gov.ps>. Published in The Palestinian industrial property magazine - Issue No. XXIII. Description: AR Smart Glasses for DHH Individuals.



[Sep/2018–Current]: Smart Temperature Band, patent No. 321. Palestine, State, Ministry of National Economy <http://www.mne.gov.ps>. Published in The Palestinian industrial property magazine - Issue No. XXI. Description: Smart Band for monitoring patients' temperature.



[Sep/2016–Current]: Breast Cancer Detection Using a Smartphone System, patent No. 275. Palestine, State, Ministry of National Economy <http://www.mne.gov.ps>. Published in The Palestinian industrial property magazine - Issue No. XVII. **Description:** Thermal Imaging to detect breast cancer by using a Smartphone application.



Training and Certificates

[Oct/2021]: Virtual and Augmented Reality Specialist. Center for Development of Advanced Computing, Mohali, India.

Description: One-week online training in "Specialized Training Programme in Augmented & Virtual Reality" by C-DAC, Mohali (India) from October 18, 2021, to October 22, 2021.



[Jul/2018]: Language and Thinking through Technology. Bard College Institute for Writing and Thinking (IWT), Bard College, Annandale-on-Hudson, NY 12504.

Description: One-week training in "Language and Thinking through Technology". By Erica Kaufman. The sessions focus on enriching learning in all disciplines through technology.



[Feb/2015]: Cisco Certified Network Associate (CCNA). Said Khoury Information Technology Center of Excellence, Al-Quds University, Main Campus, Abu Dis.

Description: The Certification is designed to prepare the applicants to identify, design, install, configure, and troubleshoot the Cisco products for small to medium-sized businesses.



[Nov/2014]: Google Certified Educator. Online Google Certification Test Center https://edutrainingcenter.withgoogle.com/certification_trainer.

Description: The Google Certified Educator certification validates that educators have mastered the essentials of Google for Education tools and innovative technologies needed to recognize innovative educators from around the world.



[Mar/2014]: Microsoft Certified Educator (MCE). Information and Communication Technology Center (ICTC), Al-Quds Open University <http://www.qou.edu>

Description: The Microsoft Certified Educator (MCE) certification validates that educators have the global technology literacy competencies needed to provide students with a rich, custom learning experience.



Conferences and Contests

[May/2020]: A Judge in the Hult Prize Contest. I had the privilege of serving as Jury Panel Chairman, at the Intel ISEF Palestine Contest for High School Students in Palestine. My role was to ensure, as far as possible, that the panel is well balanced with as many areas of expertise as possible covered and representing the Jury when announcing results.



[May/2019]: A Judge in the Hult Prize Contest. My role was to impartially evaluate the business ideas and plans presented by the contestants. I approached each proposal with an objective mindset, taking into consideration factors such as feasibility, scalability, and potential impact on the community. This was a unique opportunity for me to use my expertise to help shape the future of entrepreneurship and support young innovators in realizing their visions.



[Dec/2018]: Stars of Science Contest, an initiative of the Qatar Foundation, aims to empower Arab innovators to develop technology-based solutions for their communities. I participated as a contestant in Season 11 and successfully passed the first two rounds of the competition. In 2019, my "smart band for monitoring patients' temperature" prototype was patented by the Palestinian Ministry of Economy.



[Apr/2017]: Global | Local: Experiments in the Arts and Humanities Conference, a 2-day conference at Bard College to explore the relationships between technology and human experience as they play out across local and global contexts. Paper Title: Thinking about Video Games: Reality and Virtuality.



Startups Projects

Youthriving

AI-powered youth empowerment platform that provides personalized learning paths, leadership development, and community-driven skill exchange for Palestinian youth.

<https://youthriving.site>

FaheemGPT

AI-driven educational assistant supporting students and educators through interactive learning, personalized feedback, and analytics-based insights.

<https://faheemgpt.com/>

RasheedGPT

AI-powered platform designed to support parents and school students with guided learning, interactive explanations, and adaptive educational content.

<https://rasheedgpt.com/>

HakeemGPT

Smart scheduling system that analyzes student timetables to recommend optimal times for university events and activities.

<https://hakeemgpt.net/>

VoiceBlink

Assistive AI system that translates eye-blink patterns into meaningful communication (e.g., Morse code → text → speech), enabling patients with limited mobility to interact with others.

<https://blinkvoice.site/>

Languages

Arabic: Mother Language.

English: IELTS Overall Score: 7.0

Voluntary Work

I have volunteered for many years in the IT startup field; it reflects my absolute belief in the immense potential of IT in solving problems. In this regard, I have supervised many students' projects at Palestinian high schools and universities that will participate in national and international technology fairs and contests. Those fairs seek solutions for economic, environmental, and agricultural challenges in communities, such as the International Science and Engineering Fair (Intel ISEF), Hult Prize, and the PalPolyup. In the preparation stage, I was responsible for conducting many training workshops about tech entrepreneurship, including design thinking and how to convert ideas to products for participants. After that, I served as a mentor for those students by providing guidance and ongoing monitoring to help them develop their startup ideas successfully. As a result, many of those projects participated and competed in international contests and fairs, reached the final round, and won one of the best five projects in the world. For example, but not limited, the first-place winner in Intel

ISEF 2017 was a wearable device for controlling artificial limbs using deep neural networks, and in 2018 the second-place winner was a wearable device for helping disabled children with swimming. This year, another project will participate in the international Intel ISEF fair; this project aims to monitor water consumption in homes depending on IoT technology.

References

Dr. Daniel Terris, Dean, Al-Quds Bard College of Arts and Sciences, Professor of American History, Al-Quds University, and Visiting Professor of Humanities, Bard College. Al-Quds Bard College for Arts and Sciences, Al-Quds University, Main Campus, Abu Dis. Email: dterris@staff.alquds.edu.

Dr. Raid Zaghal. Associate Professor. Computer Science Program, Al-Quds University, Main Campus, Abu Dis. Email: zaghal@staff.alquds.edu.

Dr. Sameh Hallaq. Assistant Professor. Economics Program, Al-Quds Bard College for Arts & Sciences, Al-Quds University, Main Campus, Abu Dis. Email: shallaq@staff.alquds.edu.

Dr. Saeed Salah. Assistant Professor. Computer Science Program, Al-Quds University, Main Campus, Abu Dis. Email: sasalah@staff.alquds.edu.

Mr. Mahoud Khalid. Assistant Dean and Lecturer. Biology Program, Al-Quds Bard College for Arts & Sciences, Al-Quds University, Main Campus, Abu Dis. Email: mkhalid@staff.alquds.edu.