

AHMAD BANI AMER

Jordan - Amman 

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EDUCATION

Masters of Science in Computer Science, June 2016 Sep 2013 – Jun 2016

Jordan University of Science and Technology, Irbid, Jordan

Title of thesis: “Energy Saving in Constrained Application Protocol of Internet of Things by Using Dynamic Tuning Approach”.

GPA: 91.6 (Excellent), Rank in Batch: (4/22)

Bachelor of Science in Computer Information Systems, September 2012 Jan 2009 – Sep 2012

Jordan University of Science and Technology, Irbid, Jordan

GPA: 83.0 (Very Good), Rank in Batch: (4/92)

WORK EXPERIENCE

- **Full-Time Lecturer** Sep 2024 – Present
Department of Computer Science, Princess Sumaya University for Technology, Jordan - Amman.
- **Graduate Teaching Assistant** Jan 2020 – Jul 2020
Department of Computer Science, Wayne State University, USA - Michigan.
Supervised three undergraduate graduation projects in the Department of Computer Science.
- **Research Assistant** Jan 2020 – Jul 2020
Department of Computer Science, Wayne State University, USA - Michigan.
Energy-aware Autonomous Systems Lab.
- **Teacher of Design and Technology** May 2017 – Dec 2019
Ministry of Education, UAE / Dubai.
Taught robotics programming, Arduino, and Python programming.
- **Part- Time Lecturer** Jul 2016 – Feb 2017
Jordan university of Science and Technology, Jordan – Irbid.
I spent two semesters at the Department of Computer Information Systems.
- **Teaching Assistant** Sep 2012 – Jun 2016
Jordan university of Science and Technology, Jordan – Irbid.
Department of Computer Information Systems.

COURSES TAUGHT

Princess Sumaya University for Technology

- CS11102 Introduction to Computer Science
 - *Fall, Spring, and Summer 2024/2025*
 - *Fall, Spring 2025/2026*
- CS11103 Structured Programming
 - *Spring, Summer 2024/2025*
 - *Fall, Spring 2025/2026*
- CS11151 Structured Programming Lab
 - *Spring 2024/2025*
 - *Fall, Spring 2025/2026*
- CS11206 Object Oriented Programming
 - *Fall and Spring 2024/2025*
- CS11253 Object Oriented Programming Lab
 - *Fall and Summer 2024/2025*
- CS11493 Graduation Project 1
 - *Fall 2024/2025*
 - *Fall 2025/2026*
- CS11494 Graduation Project 2
 - *Spring 2024/2025*
- CS11391 Practical Training
 - *Summer 2024/2025*

Jordan University of Science and Technology

- HSS106CS Introduction to Programming Lab
 - *Fall 2016/2017*
- CS114 Programming for Engineers
 - *Fall 2016/20217*
- CIS201 Introduction to Web Design
 - *Summer 2015/2016*

Graduate Teaching Assistant

Wayne State University

- CSC4996 Senior Capstone Project
 - *Winter 2019/2020*

Teaching Assistant

Jordan University of Science and Technology

- Computer Skills
- Fundamentals of Multimedia
- Introduction to Programming

COMPUTER SKILLS

- Programming Languages: C, C++, C#, Python, VISUAL BASIC.
- Web Design using HTML, CSS, JAVA Script, MYSQL, and ASP.NET.
- VISUAL C++ and Windows Programming.
- Very Good work on Oracle 10g.
- Computer Graphics and Animation using Adobe Flash, and Adobe Photoshop.
- Operating Systems: MS-DOS, Windows and Linux.

UNIVERSITY COMMITTEE MEMBERSHIP

- Graduation Projects and Practical Training Committee member, Department of Computer Science
 - *Academic Years: 2024/2026, 2025/2026*
- Curriculum committee member, Department of Computer Science, PSUT.
 - *Academic Years: 2025/2026*
- Exam Scheduling Committee member, King Hussein School of Computing Sciences, PSUT.
 - *Academic Years: 2024/2025*
- Head of the Elections Committee, King Hussein School of Computing Sciences, PSUT.
 - *Academic Years: 2024/2025*
- Student Advising
 - *Fall 2024/2025 – Present.*

LANGUAGES

- English: Fluent.
- Arabic: Native

PUBLICATIONS

International Journals:

- Muneer Bani Yassein, Qusai Abuein, **Ahmad Bani Amer**, "Energy Saving in Constrained Application Protocol of Internet of Things", International Journal on Communications Antenna and Propagation (IRECAP), Volume 6, Issue 3, pages 160-168, 2016.

International Conferences:

- Mardini, Wail, Muneer Bani Yassein, Mohammad AlRashdan, Abdalraheem Alsmadi, **Ahmad Bani Amer**. "Application-based power saving approach for IoT CoAP protocol." In Proceedings of the First International Conference on Data Science, E-learning and Information Systems, p. 12. ACM, 2018.

- Muneer Bani Yassein, Qusai Abuein, **Ahmad Bani Amer**, Mamoun Qasem "An Energy efficient Technique for Constrained Application Protocol of Internet of Things", IEEE International Conference on Internet of Things and Pervasive Systems, At 22-24 September 2016, Agadir, Morocco.

REFERENCES

Available upon request.