Ahmad Bani Amer

Department of Computer Science
Princess Sumaya University for Technology (PSUT)
Amman, Jordan
E-mail: a.baniamer@psut.edu.jo

Education

M.S. in Computer Science, June 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)

B.S. in Computer Information Systems, September 2012
Jordan University of Science and Technology, Irbid, Jordan
GPA: 83.0 (Very Good)
Rank in Batch: (4/92)

Experience

- September 2024 – Now: **Full- time Lecturer**, Department of Computer Science, Princess Sumaya University for Technology, Amman, Jordan.

- January 2020 – June 2020: **Graduate Teaching Assistant**, Department of Computer Science, Wayne State University, Detroit, Michigan, USA. (*Senior Project Lab*). I was the supervisor of three graduation projects in the Information Technology field, implemented for three companies in the United States.

- January 2020 – May 2020: **Research Assistant**, Department of Computer Science, Wayne State University, Detroit, Michigan, USA. (*Energy-aware Autonomous Systems Lab*).

- May 2017 – December 2019: **Teacher** of Design and Technology at the Ministry of Education, Dubai, United Arab Emirates.

- July 2016 – January 2017: **Lecturer** for two semesters, Department of Computer Information Systems, Jordan University of Science and Technology, Irbid, Jordan.

- September 2012 – June 2016: **Teaching Assistant**, Department of Computer Information Systems, Jordan University of Science and Technology, Irbid, Jordan.

Technical Skills

- *Programming Languages*: C, C++, C#, Visual Basic, HTML, CSS, SQL, Java Script and ASP.NET.
- *Operating Systems*: MS-DOS, Windows and Linux.
- *Support Software*: Word, Excel, PowerPoint, Cooja Simulator, Fusion 360, Adobe PhotoShop, Adobe Flash, Gurobi, and Oracle.

Languages

- Arabic: (native).
- English: (fluent).

Publications

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**, "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.*

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 are available upon request"