

Asmaa Afeefi

Computer Engineering Department, An-Najah National University, Nablus, Palestine

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PERSONAL PROFILE

Nationality: Palestinian.

Date of birth: 07.02.1987.

Place of birth: Saudi Arabia.

Gender: Female.

Marital status: married.

CURRENT POSITION

Lecturer, Computer Engineering Department, An- Najah National University, January 2016 – Present.

EDUCATION

- MSc. Computational Logic, Computer Science, Technische Universität Dresden-TU Dresden, Germany, 2013 – 2015.
- BSc. Computer Engineering, An-Najah National University, Palestine, 2005 – 2010.

WORK EXPERIENCE (Academic and non-academic)

- Lecturer, Computer Engineering Department, An-Najah National University, Nablus, West Bank, Palestine, January 2016 - Present.
- Teaching Assistant, Computer Engineering Department, An-Najah National University, Palestine, September 2010 - October 2013.
- Trainer, Korean Palestinian Information Technology Institute of excellence (KPITIE)- An-Najah National University, 2011 - 2013.
- Software Developer at World Health Organization International (WHO), Nablus, January-June 2011.
- Trainer for Scratch Programming Language and Ubuntu OS, Birzeit University, Palestine, June-August 2010.

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Member of Erasmus Mundus and Alumni Association (EMA), October 2013 – Present.
- Member of Computational Logic Alumni (CL-Alumni), 2013 – Present.
- Member of IEEE (Institute of Electrical and Electronics Engineers (technology advancement organization)).

COMPUTER SKILLS

- Languages: C, C++, JAVA , C sharp + ASP.net, JavaScript, PHP, HTML, Python, Flutter, React Native and SERVLET.
- Databases: MySQL, Oracle, MongoDB and SQL.
- Operating System: Linux, Windows.
- Design: Adobe Flash, 3D max, and Adobe Photoshop.
- Have experience in working with Networks, C and C++ compiler programming and system level programming.

TRAINING AND PROFESSIONAL DEVELOPMENT

- 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT).
- 29th Workshop on (Constraint) Logic Programming (WLP 2015) part of 38th German Conference on Artificial Intelligence (KI 2015), 22 September 2015, Dresden, Germany.
- EMCL workshop, Logic, 18th and 19th February 2015, Lisbon, Portugal.
- Reasoning Web Summer School and the Web Reasoning and Rule Systems Conference, 8th -15th September 2014, Athens, Greece.
- EMCL workshop, Computational Logic, 18th and 19th February 2014, TU Vienna, Vienna, Austria.

HONORS AND AWARDS

- **Scientific Publication by High Impact Journals Award**, An-Najah National University, Palestine (2020).
- **Research Project Funding Award (\$15,000)**, Higher Educational Ministry, An-Najah National University, Palestine (2018-2019).
- **DAAD Scholarship (Full Master Scholarship)**, Host university: Jordan University of Science and Technology (JUST), Irbid, Jordan (2013-2015). (Not accepted)
- **EMCL Scholarship (Full Master Scholarship)**, Technische Universität Dresden (TUD), Dresden, Germany (2013-2015). (Accepted)
- **Honor Faculty Degree**, An-Najah National University, Nablus, Palestine.
- **PhD Scholarship Awardee (Full PhD Scholarship)**, Birmingham City University, Faculty of Computing, Engineering, and Built Environment, Birmingham, United Kingdom, (2024). Awarded a PhD scholarship to pursue doctoral studies in: Development of Large Language Models (LLM) for guiding net-zero building design. Unable to take up the opportunity due to the war and the resulting circumstances.

COURSES TAUGHT:

BACHELOR COURSES:

- Computer Programming Language (C++) Course
- Supervising final-year projects (Hardware and Software)
- Discrete Mathematics Course

- Data Structures Course
- Introduction to Object-Oriented Programming Course
- JAVA Programming Language Course
- Network Lab
- Microprocessor Lab
- Microcontroller Lab
- Digital Design 1 Lab
- Digital Design 2 Lab

PUBLICATIONS

- A. Afeefi, "IMSD: Interactive Methods for Finding Similar or Diverse Answer Sets", The Eurasia Proceedings of Science Technology Engineering and Mathematics , 12 , pages 85-94, DOI: 10.55549/epstem.1038379, 2021.
- Demaidi, Mona Nabil, Manar Qamhieh, Asmaa Afeefi. "Applying Blended Learning in Programming Courses". IEEE Access, vol. 7, pp. 156824-156833, 2019.
- A. Afeefi. "NavAS: Navigation Approaches for Answer Sets", In Proc. Of 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), pages 79-84, 2019.
- A. Afeefi. "Planning problems and fixpoint semantics", In 38th German Conference on Artificial Intelligence (KI 2015), Proceedings of 29th Workshop on (Constraint) Logic Programming (WLP 2015), pages 2–16, Dresden, Germany, 2015.

REFERENCES

- **Prof. Dr. habil. Steffen Hölldobler**, Dean of Studies for International Master Programs of the Faculty of Computer Science and Head of the International Center for Computational Logic, TU Dresden, Dresden, Germany. E-mail: sh@iccl.tu-dresden.de . Tel.: +49 (0)351 463 38340
- **Prof. Dr. rer. nat. Sebastian Rudolph**, International Center for Computational Logic, TU Dresden, Dresden, Germany, E-mail: Sebastian.Rudolph@tu-dresden.de. Tel.: +49 (0)351 463-38680
- **Dr. Raed Al-Qadi**: Assistant professor in the computer engineering department at An-Najah National University, Nablus, Palestine (BSc. Supervisor). E-mail: alqadi@najah.edu