

RAJAA ABU-WANDI

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PERSONAL INFORMATION

- **Date of Birth:** 15/7/1991
- **Country of Citizenship:** Jordan
- **Home Address:** Madaba, Jordan
- **Nationality:** Jordanian
- **Place of birth:** Yugoslavia
- **Gender:** Female

EDUCATION:

MS Hashemite University, Software Engineering, 2015, *Excellent*.

Research Project: “A visualization approach of classes and their relationships”.

BS Al-Hussein Bin Talal University, Software Engineering, 2013, *Good*.

GRADUATION RESEARCH AND PROJECT:

Master Research Project:

Research Topic: A visualization approach of classes and their relationships.

Project Overview: This project presents an approach to visualize various types of relationships between classes. The proposed approach extracts classes and their relationships from the source code and visualizes them in comprehensive and useful views to developers. The proposed approach automatically extracts classes and their relationships from the source code with their multiplicities. The extracted relationships are generalizations, associations and dependencies. The extracted information is then visualized to

developers in different views to support their comprehension for the classes and how they are related.

Bachelor Graduation project: My graduation project is a windows application used to help the users in storage their important information and data and protect these information from loss.

RESEARCH INTERESTS & SPECIALIZATIONS

Software Engineering with focus on software evolution and maintenance, software requirement field and mobile application development.

PUBLICATIONS:

- DISSERO Mobile Application for AUTISTIC Children's (Hani, H., & **Abu-Wandi, R.** (2015, November). DISSERO Mobile Application for AUTISTIC Children's. In *Proceedings of the International Conference on Intelligent Information Processing, Security and Advanced Communication*(p. 90). ACM.)

<http://dl.acm.org/citation.cfm?id=2816933&CFID=573090628&CFTOKEN=87668962>

Under Review:

- Automatic Reverse Engineering of Classes' Relationships (Hammad, M., **Abu-Wandi, R.**, & Aydeh, H. (2016). Automatic Reverse Engineering of Classes' Relationships. In *Information Technology: New Generations* (pp. 1267-1272). Springer International Publishing.)

Measuring Developers' Efforts in Evolved Software Projects.

PROFESSIONAL TRAINING:

Pass of NELT (National English Language Test).

EXPERIENCE :

- (June 2013- September 2013)
Training in Jordan commercial bank as a part of the bachelor's degree.
- (September 2015-May 2015)
Private teacher for Tawjihi students.
- (September 2017_ November 2017)
Trainer at Jordan academy.
- (August 2016 _ June 2021)
Software support engineer at OFFTEC company.

LANGUAGES :

- Arabic: First language.
- English: Second language, Very good command in both written and spoken English

COMPUTER AND TECHNICAL SKILLS :

Java, UML, Rationale Rose, MS Visual Studio, C++, ISBSG Data Set for empirical studies , PHP (beginner) ,html, oracle, visual basic, Requirement elicitation and analysis.

CHARACTARSTICS :

OBJECTIVES :

Good communications & interpersonal skills, flexible to work in conditions, and have good teaching skills.

REFERENCES :

To work in a well-known university where I can teach, learn, and grow in the software research field.

Available upon request.