

ADEL A. SULAIMAN

Lecturer

College of Computer Science and Information Systems
Najran University

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EDUCATION

- **2016- 2019: PhD in Computer Science - Human Computer Interaction,**
Honored to work with Dr. Stephen Gilbert and Dr. Les Miller, Virtual Reality Applications Center, Iowa State University, Ames, Iowa (**GPA: 4.0**).
- **2011-2013: Master of Science in Software Engineering,**
University of St. Thomas, St Paul, MN, USA (**GPA: 3.57**).
- **2009-2010: ELS English certificate,** ELS, St. Paul, MN, USA.
- **2003-2007: Bachelor of Ed in Computer Education and Technology,**
Abha Teacher College, Abha, Saudi Arabia with honor (**GPA: 4.66**).

AWARDS RECEIVED

- **Best poster award at GPSS conference 2018, Iowa State University**
- Full Scholarship for PhD in the USA, Najran University 2015.
- Full Scholarship for MS, Najran University 2011.
- Abha Award for Higher Education, 2008.
- Computer Marathon Award, 2007.
- Teachers Computer Club Award, 2007.
- Honors degree, Teachers College in Abha, 2007.

WORK EXPERIENCE

- **2016- Now: Graduate Research Assistant: HCI, VRAC, ALC group.**
Iowa State University, Ames, Iowa.
- **2013-Now: Lecturer in the College of Science,** Computer Science department, Najran University, Najran, Saudi Arabia.
- **2011-2013: Lab Consultant in the GPS department,** University of St.Thomas, St.Paul, MN, USA.
- **2008-2013: Teaching Assistant in the College of Science,** Computer Science department, Najran University, Najran, Saudi Arabia.
- **2007-2008: Teaching Assistant in the Computer Science department,**
The Technical College, Abha, Saudi Arabia.

LANGUAGES

- **Arabic:** Fluent in speech, reading and writing. Native Language.
- **English:** Fluent in speech, High levels of reading and writing.
- **Spanish:** Learning.

COMPUTER SKILLS

- **Programming Languages:** (Java, Visual Basic, Unity, python, R)
- **Operating System:** (Windows, Mac, Linux, Windows server, virtual machine, AWS)
- **Database:** (SQL, SQL developer, Oracle 11g, PowerDesigner, Hadoop, pig, R)
- **Web development:**(Microsoft E Web, Dreamwaver, PHP, HTML, JQuery, Java script,GWT)
- **General Programs:** (MS project management, MagicDraw, WinSCP, Virtual reality apps, Augmented reality apps).

VALANTEER WORK AND COMMUNITY SERVICES

- **Student Volunteer at IEEEVR 2017 conference, Los Angeles.**
- **Saudi Public Radio, interview about my experience in the USA.**
- Programming for k-12 workshops, outreach, CS department, ISU.
- VRAC public tours, VRAC, ISU.

POSTER PRESENTATIONS

- Using VR as a spatial ability training tool, GPSS conference,2018, ISU.
- VR training for low spatial ability people to improve navigation in an unfamiliar environment, industrial engineering conference, 2017, ISU.

PUBLICATIONS

- PatanasakPinyo, T., Batinov, G., Whitney, K., **Sulaiman, A.**, Miller, L., **Object-Indexing: A Solution to Grant Accessibility to a Traditional Raster Map in Location-Based Application to Accomplish a Location-Based Task**, *Proceedings of the 8th International Conference on Computer, Electrical, and Electronics Engineering and Technology* (ICEEET 2018, Kyoto, Japan, April 17-18, 2018), pp. 126-131
- PatanasakPinyo, T., Batinov, G., Whitney, K., **Sulaiman, A.**, Miller, L., Gilbert, S., **Extracting Useful Features for Users with Different levels of Spatial Visualization**, *Proceedings of the 33rd International Conference on Computers and Their Applications* (CATA 2018, Las Vegas, Nevada, March 19-21, 2018), pp. 86-91

REFERENCES

- **Dr. Stephen Gilbert**

Virtual Reality Applications Center
Iowa State University
Email: gilbert@iastate.edu

- **Dr. Leslie Miller**

Department of Computer Science
Iowa State University
Email: lmiller@iastate.edu