

Experiences:

Research Assistant, Design Technology Lab, New York University Abu Dhabi (NYUAD). Summer 2014 – Present.

- Advisor: Azza Abouzied
- Implemented program synthesizer for learning and structuring unstructured datasets

Research Assistant, Computer Science Dept., Southern Connecticut State University (SCSU). Fall 2013 - Spring 2014

- Advisor: Amal Abdel-Raouf
- Co-authored and published paper on software maintenance from perspective of change theory

Publications:

- Hanafi M, and Abdel-Raouf A. *Software Maintenance from the Change Theory Perspective*. Proceedings of the 2014 International Conference on Circuits, Systems, Signal Processing, Communications and Computers (CSSCC '14), Venice, Italy. 2014 Mar.
- Hanafi M, and Abdel-Raouf A. *Change Theory: Towards a Better Understanding of Software Maintenance*. WSEAS Transactions on Computers, Volume 13, 2014: 421-9. 2014

Teaching Experiences:

Teaching Assistant, CSC321 Algorithm Design and Analysis, CSC152 Computer Programming I, CSC310 Multimedia Systems. Computer Science Dept., SCSU, Spring 2013

- Instructor: Prof. Amal Abdel-Raouf
- Graded and corrected homeworks and Java programming projects, and assisted students with homework assignments.

Teaching Assistant, CSC310 Multimedia Systems, CSC152 Computer Programming I, CSC200 Information Management and Productivity Software. Computer Science Dept., SCSU, Fall 2013

- Instructors: Prof. Amal Abdel-Raouf, Prof. Taraneh Seyed
- Conducted tutor sessions for Java programming

Working Experiences:

Voluntary Web Developer Internship, Algosmith Computing, West Haven, CT. Summer 2010.

- Assisted in build an ecommerce project using asp.net
- Built a database (MS SQL server 2008)

Voluntary Database Internship, Masjid Al Islam Organization, New Haven, CT. Summer 2009.

- Managed and updated the website (<http://www.masjidalislam.net/>) (PHP and Joomla)
- Gathered the data to put into the database (MySQL)

Honors and Awards:

Cum Laude Award, Honors Convocation, SCSU, Spring 2013

Presidential Award, National Society of Leadership and Success, SCSU, Spring 2013

Academic Excellency Award in Computer Science, Honors Convocation, SCSU, Spring 2012

Dean's List, College of Arts and Sciences, SCSU, Spring 2010, Fall 2011, Spring 2012, Fall 2012

Education:

Master's in Computer Science. SCSU. Spring 2013 - Present.

Bachelor's of Computer Science. SCSU. Sept. 2009– Fall 2012

- GPA 3.62/4.0

Hanafi Homeschool, Highschool, West Haven, CT, Graduated 2009