**Shereen Hatem Mohamed**

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**6 October, Egypt**

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**OBJECTIVE**

 Join a research group where I can maximize my research skills and achieve group goals.

**PERSONAL PROFILE**

 Graduated june 2013.Then worked as teaching/research assistant at faculty of computer science and information systems, cairo university since april 2014. I took my premasters courses fall 2013-2014.

**EDUCATION**

* Registered for masters degree at Cairo University, Faculty of computer science and information system, title “Area mapping using simultaneous localiztion and mapping algorithm”.
* (2013-2014), Premasters courses atCairo University, Faculty of computer science and information system.
* **(**2009-2013), Cairo University, Faculty of computer science and information system (FCI-CU).
* **Major:** Information Technology**, Minor:** Computer science**.**
* GPA 3.69 “grade: Excellent, rank: 3rd on my department”.
* Badr language school, 1999-2009.

**EMPLOYMENT**

 Currently working teaching assistant at faculty of computer science and information system, Information technology department. Teaching courses to students, correcting exams and discussing students. Working on my research reading in the topics i'm interested in, studing some imortant basics and exploring the papers publiced related to the area.

**SKILLS**

**Technical skills:**

* Programming languages:
* C/C++ [Excellent]
* Java [Excellent]
* Assembly ”Mips & PIC16” [Very Good]
* HTML [Beginner]
* PHP [Beginner]
* JavaScript [Beginner]
* Matlab [Excellent]

* Developing tools:
* Eclipse
* Netbeans
* Matlab
* Good background about networks.
* Background about Linux.
* Background about parallel computing.
* Background about embedded systems.

**General skills:**

* Hard worker.
* Very good presentation skills.
* Excellentcommunication skills.
* Work under pressure.

**FURTHER INFORMATION**

* Worked at Mobinil as charging solution engineer (from 17/2/2014-27/10/2014).
* **Job description:** Manage all charging projects related to tariff and promotions till commercial launch. Responsible for developing new projects with the supplier to fulfill the business requirements. Responsible for end to end testing to finalize projects. Prepare acceptance test cases and perform acceptance tests with all business teams.

**RESEARCH**

* My supervisors are proffesor Reda abd el wahad from faculty of computer scinece and information sysetm, cairo university and doctor Eid emary.
* My current research is about simultaneous localization and mapping algorithm. I'm exploring the area and trying to investigate different techniques used.
* Now i'm exploring matlab tools for this purpose. I would like to add a contribution in one of the many challenges facing SLAM algorithm.
* My research point has many challenges. This area contains many topics under it's umbrella; feature selection, estimation, graphics and computer vision.

**TEACHING**

* I have a teaching experience for three semesters.
* Explain different two subjects per-semester. The subjects I taught were;

**Multimedia:** we gave students different compression techniques to implement then discuss with them.

 **Informtion technology:** we gave students some basics about HTML, PHP … etc. **Computer graphics:** lab explains some imprortant graphics basics circle drawing, rotation matrix, translation matrix and camera model.

**Embedded systems:** lab exaplains assembly language for PIC 16 microcontroller.Give them some assiments to do and discuss with them.

**Computer Architecture:** lab explains assembly language basics and we start working on mips processor and it's instruction set.Give them tasks and assignments and discuss with them.

* I'm responsible for one graduation project in which I follow up with the team almost every week and check their status. Put plan for the next week together.

**ADMINISTRATION**

* We are resposible for marking the midterm exams for the students.
* I have the ability to prioritise my tasks to met the deadline of each. Good in time management.
* I have a very good verbal and written skills and trying always to improve it more.

**FUTURE RESEARCH INTERESTS**

I'm interested I many new topics and wish to learn more about bigdata and more topics, algorithms in computer vision.

**QUALIFICATIONS**

* I took certificate from teaching and instructional center, faculty of computer science and information systems-cairo university.
* Currently studing for TOEFL certificate.
* Planned to attend EMC2 course for virtualization, to exaplain it during lab of next semester to students.

**POSITIONS OF REPONSIBILITY**

* I was course coordinator of two courses I taught. My responsiblities were to send assignments each week for the students, align all the labs together and make sure the we all follow the lab rules.Contact the lecturer if needed and then prepare the course file.

**PUBLICATIONS and PRESENTATIONS**

I presented my gradution project with my team mates in a competition called Ibtikar to the judges and won the first prize in the competition.

**REFEREES**

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