
SAMAR Ashraf Said

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CV

Objectives

Seeking an academic teaching position as a teaching assistant within computer engineering. This will help me develop my teaching skills, academic skills and more importantly, pursue my Ph.D. degree and research.

Summary

- More than 3 years' experience as a teaching assistant within computer engineering in computer and systems department, Helwan university.
- More than 5 years' experience as a demonstrator within computer engineering in computer and systems department at Helwan university.
- M.Sc. degree in Computer Engineering with focus on mobile cloud computing and parallel systems.
- Strong background in Computer Architecture, Algorithms and Data Structure.
- Team-player, flexible and adapts well to work overload.

Education

- 2012 - 2018 **Master degree Of Computer Engineering**
Faculty of Engineering – Helwan University
- **Topics**
 - Cloud Computing
 - Mobile Cloud Computing
 - Parallel system
 - Algorithms and Data Structure
 - **Thesis topic:** " Elastic Application Execution using Mobile Cloud Computing"
- 2005 - 2010 **B. Sc. in Electronics, Communication and Computer Engineering**
Faculty of Engineering – Helwan University
- Department: Electronics, Communication and Computer Engineering
 - Grade: Very Good – 80%.
 - Graduation Project Grade: Excellent

Work experience

- 2012 - Present **Teaching Assistant**
Helwan University -Faculty of Engineering -Computer and Systems Engineering Department
- Preparing and delivering lectures, tutorials, workshops, and seminars.
 - Developing curricula and course material that can be used across a number of platforms.
 - Collaborating with other academics and lecturers to improve teaching methods and expand knowledge base.
 - Setting and grading assignments, tests, and exams.
 - Observe students' performance, and record relevant data to assess progress.
 - Help students and instructors in the projects of the courses.
 - Help preparing accreditation folders for the courses they have.
 - Conducting research, and writing papers, proposals, journal articles, and books.

2012 - 2010

Junior Software Engineer

MIPS

Applied the principles of software engineering to the design, development, maintenance, testing, and evaluation of different software systems.

Technical Skills

Programming Languages

- Visual C#
- C/C++
- Python
- Android
- Servlets
- Java

Database Management Systems:

- SQL Server (2005-2008)
- Oracle
- MySQL

Operating Systems:

- Linux – Ubuntu
- Microsoft Windows server
- Apache

Fields of Interest

- Fundamentals of Computer Programming
- Data Structures and Algorithms
- Operating Systems
- Data Base
- Computer Architecture
- Software Engineering
- Introduction to Computer Science
- Web/ Mobile Development Technologies
- Image Processing
- Digital Signal Processing
- Digital Design and Computer Architecture
- Electric Circuits
- Computer Networks
- Signals and Systems

Selected Publications

- Said, Samar A., Sameh A. Salem, and Samir G. Sayed. "A new energy-preserving cloud offloading algorithm for smart mobile devices." *International Journal of Hybrid Intelligence* 1.1 (2019): 5-22.
- Said, Samar A., Sameh A. Salem, and Samir G. Sayed. "Energy Aware Mobile Cloud Computing Algorithm for Android Smartphones." *International Conference on Advanced Intelligent Systems and Informatics*. Springer, Cham, 2017.

