

Ahmed Hassan El Zein

21 Mustafa Kamel St., Semouha, Flat 1104,
Alexandria, Egypt.
zein@gawab.com
+2-010-172-8961

Career Objective

Leading an exciting career in research and development of distributed file systems, grid computing middleware and distributed systems.

Personal Information

Date of Birth: 16.12.1981.
Nationality: Australian/Egyptian Dual Nationality.
Marital Status: Married.
Language: Fluent English and Arabic.

Education:

BSc (Hons) Computer Engineering

The Arab Academy for Science & Technology
2001 – 2004:
Alexandria, Egypt.

- GPA: 3.9/4.0
- Acted project manager for our graduation project: Autonomous co-operative robotics.
- Team leader in Robocon2003 (a robotics contest).
 - 1st place in Local qualifying contest!
 - 9th place in world finals in Thailand.

Work experience:

Operations & Support Manager

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2005 – present
Alexandria, Egypt

- Founded the department
 - Defined department roles, responsibilities and activities
 - Defined processes and procedures for the department
 - Worked with CTO and Technical Manager to achieve company targets.
 - Managed a team of 3.
- Reduced downtime and increased availability.
- Maintained and improved application platform
 - Introduced Fedora Directory Server and planned and carried out the migration from MySQL to LDAP.

- Planned and carried out migration to Vmware virtual servers
- Upgraded platform from Debian 3.0 to Ubuntu 6.06, Mysql 4.0 to Mysql 5, Apache to Apache2, etc.
- 24/7 monitoring
- Deployment engineering
- Created office Infrastructure
 - Setup an Intranet for the office out of open source software
 - Version control with subversion
 - Nightly builds.
 - Single sign on for Linux and Windows machines with LDAP
 - Introduced Xen to decrease number of physical servers
- System administration of 10+ Linux machines running:
 - Customized qmail and courier/imap servers
 - Apache2 web servers running C, Php and Ruby applications
 - Mysql with replication (master-slave and master-master)
 - Fedora Directory Server with multi master replication
 - Vmware server
- Perl and bash scripting
- Spam and abuse
- Security
- Provided excellent customer support
 - Worked with clients to create customized solutions

Developer

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2004 – 2005

Alexandria, Egypt

- CGI webmail,
- SMTP server bandwidth limitation features,
- Apache2 bandwidth limitation modules.

Skill Set:

- Advanced Linux System Administration
- Virtual Machines. (Xen and VMware)
- Advanced Apache Administration
- Advanced Mysql Server Administration
- Advanced LDAP Administration (Fedora Directory Server and Open LDAP)
- Advanced qmail Administration
- Courier/imap Administration
- Advanced C/C++, Perl, bash.
- Medium PHP, Python, Ruby, RoR,Java.

Interests

Traveling, visited: Australia, Egypt, the Emirates, England, Germany, Malaysia, the Netherlands, Saudi Arabia, Thailand, Turkey and the United States of America.

Swimming and **Squash**.

Reading (Fantasy and Science Fiction).

Promoting **Linux and free software**.