

Hussam Salah Eldin

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Work Experience

Nagwa

Cairo, Egypt

LEAD SOFTWARE DEVELOPER

Mar. 2019 - Present

- Led a team of software developers to implement .net core services to automate the process of rendering content files into convenient html format and providing the output to Nagwa web site
- Enhanced Lua scripts used to render equations in the rendering tool to generate a smaller images on the output html.
- Oversaw software developers' progress on applications and applied principles of agile methodologies to keep project on track.
- Implemented several API microservices in .NET Core.
- Supervising, monitoring, and managing software developers to ensure the quality of the products.

Nagwa

Cairo, Egypt

SENIOR SOFTWARE DEVELOPER

June. 2017 - Mar. 2019

- Automated the process for localizing educational content to multiple locales in terms of languages, unit systems, currencies, and mathematical notation using C# tool and LuaLaTeX engine and based on configuration files.
- Built solution for generating reports about content localization consists of C# tool and mongo db.
- Implemented C# tools for extracting information from data files and generating reports about the educational material.
- Participated in the development process of HR web application.
- Collaborated across teams to share information and coordinate on new ideas.
- Supervised, directed, and supported junior developers in their tasks.
- Designing and developing large scalable solutions.

Nagwa

Cairo, Egypt

JUNIOR SOFTWARE DEVELOPER

May 2016 - June. 2017

- Maintaining and improving existing programs by analyzing and identifying areas for modification.
- Code debugging and tracing to optimize performance.
- Writing and maintaining technical documentation to describe program development, logic, coding, testing, changes, and corrections.
- Constantly staying up-to-date on changing technologies, new tools, computer languages, and new applications to develop internal workflows.
- Developing software solutions by studying information needs, system flows, data usage, work processes, and investigating problems.

Hindawi Publishing Corporation

Cairo, Egypt

DOCUMENT ENGINEERING TEAM LEADER

Dec. 2014 - May 2016

- Liaison between production department and information system department.
- Assess production department needs for new tools.
- Work closely with the production teams and information system teams to improve existing tools and maximize opportunities to use information technology to improve the production process/cycle.
- Analyse production unit processes and trends and advise on best practices and technology tools to enhance the production process.
- Ensure all aspects of new developed tools meets the needs of the production end users.
- Monitor software tools after initial release and troubleshoot development problems to figure solutions and resolve them if possible.
- Assist in developing new strategic tools to support the production unit to better achieve their targets in terms of quality and quantity
- Assess the impact of planned developments on exiting systems, identify risks and roadblocks.

Hindawi Publishing Corporation

Cairo, Egypt

DOCUMENT ENGINEERING SPECIALIST

Sep. 2013 - Dec. 2014

- Analyze the business for new programs and plugins.
- Following up the tasks in programs and plugins with programmers.
- Contacting IT department for handling bugs and new updates.
- Analyzed operations, business and staff performance, and workflow processes.

Hindawi Publishing Corporation

Cairo, Egypt

GRAPHICS TESTER

Sep. 2012 - Sep. 2013

Hindawi Publishing Corporation

Cairo, Egypt

GRAPHIC SPECIALIST

Dec. 2011 - Sep. 2012

New Horizons Computer Learning Centers

Cairo, Egypt

OPERATIONS COORDINATOR

Dec. 2009 - Dec. 2011

New Horizons Computer Learning Centers

Cairo, Egypt

FRONT OFFICE REPRESENTATIVE

Dec. 2008 - Mar. 2009

Internships

New Horizons Computer Learning Centers

INTERNSHIP AS A CUSTOMER SERVICE REPRESENTATIVE

Cairo, Egypt

July. 2007 - Feb. 2008

Education

Faculty of Commerce - Zagazig University

B.S. IN ACCOUNTANT

Zagazig

Sep. 2007 - June. 2010

- Graduated with final grade (Good)

Skills

Back-end Languages	C#, XML, XSLT, Schematron, XPath, SVG
Software Development Kit	Visual Studio, Visual Studio Code, SQL Management Studio, Fiddler, Git command Shell, Eclipse
Databases	Microsoft SQL Server, POSTGRESQL, MYSQL, MongoDB, Elasticsearch, Redis
Frameworks	ASP.NET, Python, JAVA, LaTeX
Designing Tools	Adobe Illustrator, Adobe Photoshop, Inkscape
Languages	Arabic, English