

Age
24 Years
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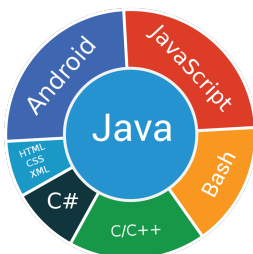
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Programming



Language skills

Arabic ★★★★★
English ★★★★★
French ★★★★★
Spanish ★★★★★

OmarTRIGUI

Software Engineer & Security Enthusiast

Professional Profile

Computer Engineering student and **Security enthusiast** since my young age. I have multiple skills that vary from software development & optimization, Security audit to Competitive Programming. As well, I had the chance to participate in various contests.

Education

- 2013 - 2016 **National School Of Engineers Sfax (ENIS)**
Preparation of diploma : Computer Engineering
Main subjects : Design Patterns, Algorithmics & Complexity, Big Data & Cloud Computing, Compression & Cryptography, Computer Security, Software Optimisation, Performance Evaluation, Software Testing, Unix Systems.
- 2011 - 2013 **Preparatory Institute Of Engineering Studies Sfax (IPEIS)**
Preparation of diploma : Physics / Chemistry
Main subjects : Algebra and Geometry, Mathematical Analysis and Differential Geometry, Electromagnetism, Wave Optics, Thermodynamics.
- 2008 - 2011 **Secondary school Habib Thameur - Sfax**
Bachelor of Computer Science (Honor degree)

Experience

- 10/15 - 11/15 **Trainer at CSI - ENIS** [ENIS CLUB](#)
Enis Security Club : Providing a training for computer security basics (RE)
- 06/15 - 09/15 **Internship** [Orion Code](#)
Developing a Real-Time MVC application with Sails.js & AngularJs for an eLearning security-based MOOC, Linux Sysadmin & Software Tester.
- 03/15 - 05/15 **Trainer at yoCode - ENIS** [ENIS CLUB](#)
Ensure a competitive programming training to my colleagues to improve their skills in multiple categories (Strings, Implementation, Bitmask, Hashing, Constructive algorithms) - Preparation for the ACM and IEEEExtreme.
- 07/14 - 08/14 **Internship** [ENIS](#)
Developing a .Net C# application that integrates the students pictures in the exam's sign off sheets at ENIS using SAP Crystal Reports.
- 06/14 - 07/14 **Internship** [CISEN Computer](#)
Developing a java Swing application : Managing intervention's sheets (Generating & printing sheets using the Java Printing System) for the client to present it to the company's commercial to receive the maintained/requested product.
- 10/14 - 01/15 **Trainer at ENIS ANDROID CLUB - ENIS** [Enis Android Club](#)
Ensure an Android development training to my colleagues.
First android app (Micro Project) : Flappy-bird-Like application
Second android app : School's application
<https://play.google.com/store/apps/details?id=projet.enis.gen>

OS Preference

GNU/Linux ★★★★★

Unix ★★★★★

Windows ★★★★★

01/13 - 03/15 **Participation to various online security challenges**

[Capture The Flag](#)

CTFs : Sharif University CTF Quals - CSAW CTF Qualification Round -

Hitcon CTF - Hackfest Tunisia

Online nickname : OmarNvidia

Root-Me account : <http://www.root-me.org/omar Nvidia?inc=score&lang=fr>.

Website

omar-trigui.me

06/08 - 06/11 **Summer Internships**

[Cisen Computer](#)

Repairing and maintaining computer's hardware and software.

WP blog

OmarTrigui

Technical Skills

- **Web Development** : NodeJS, Sails.JS, AngularJS, HTML5, AJAX.
- **Java/J2EE** : JSP/Servlet, Spring MVC, XML, JCE, JDBC, Swing, EJB, Struts2.
- **Languages** : C, C++, C#, Java, Assembly, XML.
- **Web Service** : REST/JSON.
- **Application/Web Servers** : Tomcat, JBoss, Apache, Nginx
- **Databases and ORM** : JDBC, MySQL, Oracle (PL/SQL), MongoDB, MS Access, Hibernate, Waterline.
- **Development tools** : Eclipse, Android Studio, Visual Studio, DevCPP, Webstorm, Sublime Text, IntelliJ, Subversion, Git, Maven, VIM.
- **Test** : JUnit, Mocha.
- **Math** : Matlab, Maple.
- **Mobile** : Android.
- **Cloud** : OpenStack, Amazon Web Services.
- **BigData** : Hadoop, HDFS, MapReduce, HBase.
- **Sysadmin** : GNU/Linux - Unix Systems.
- **Methodologies** : Agile (Scrum).

Social Life

2015	GDG Sfax - DevFest 2015 <i>Event organizer & Jury member</i>	GDG Sfax
2015	IEEEExtreme 9.0 participation <i>3rd national ranking - 232nd international ranking</i>	IEEEExtreme
2015	Qualified to the ACM ACPC <i>Tunisian Collegiate Programming Contest</i> <i>3rd place - national ranking</i>	Problems Solving
2015	Google Study Jams facilitator <i>Android Fundamentals Trainer</i>	GDG SFAX
2014	Hackathon - Google DevFEST 2014 <i>Winner of the Hackathon (1st ranking)</i>	GDG SFAX
2014	IEEEExtreme 8.0 participation <i>2nd national ranking - 298th international ranking</i>	IEEEExtreme
2014	Organizer at NATEG DAYS 2014 <i>Certificate of recognition : Organizer at NATEG DAYS 2014</i>	NATEG
2014	Google I/O Extended <i>Certificate of participation : Google I/O Extended in Sfax</i>	GDG SFAX

2014	Training & Evaluation sessions - Mobile Development <i>Training & Evaluation sessions provided by Orange Tunisia in Software Development for Mobile devices (Android)</i>	Orange Tunisia
2014	Symfony 2 Training <i>Certificate of participation : 'Symfony 2 Training' provided by IEEE ENIS Student Branch</i>	IEEE ENIS SB
2013	IEEE Membership until now <i>IEEE Student Branch member - Member number: 92847859</i>	IEEE ENIS SB

Certifications

01/2016	Junior Level Linux Professional (LPIC-1) <i>ID : LPI000339216 - Verification code : rejsf9n2f2 Verification URL : https://cs.lpi.org/cafi/Xamman/certification</i>	Linux Professional Institute
08/2015	Kali Linux - Complete Training Program <i>License Number : UC-REAM3951 Certification URL : https://www.udemy.com/certificate/UC-REAM3951/</i>	Udemy. E-learning
08/2015	Ubuntu Linux Server Troubleshooting <i>License Number : UC-5M0PWY4E Certification URL : https://www.udemy.com/certificate/UC-5M0PWY4E/</i>	Udemy. E-learning
06/2015	Certification Voltaire <i>License Number : N9RDKK Verification URL : http://www.certificat-voltaire.fr/orthographe-recruteur</i>	Certificat Voltaire
01/2015	Developing Android Apps : Android Fundamentals <i>Course : https://www.udacity.com/course/developing-android-apps-ud853 https://drive.google.com/open?id=0B2RSoo6t1I5AUzRQbzI1Y0tOblk</i>	Udacity. E-learning

Self-Educated

- **Operating Systems** : Linux (Mint, Suse, Ubuntu, Backtrack, Kali, CentOS, Debian) , Windows (XP, 7, 8, 8.1)
- **Security** :
 - **Disassemblers and Debuggers** : OllyDBG - IDA Pro - Immunity Debugger - GDB - ApkTool - BinWalk - Androguard - dex2jar
 - **Web Scanners** : Acunetix - W3AF - NetSparker - OWASP ZAP - Burp Suite
 - **Wireless** : Aircrack-ng
 - **Network Scanners** : Nmap - OpenVAS - Nessus
 - **Vulnerability Exploitation** : Metasploit - sqlmap - sqlninja - SET - BeEF - FIMAP - XSSER - Xenotix
 - **Packet Sniffers** : Wireshark - Tcpdump - Ettercap - dsniiff - sslstrip
 - **Password Crackers** : RainbowCrack - John The Ripper - Cain and Abel
 - **Encryption Tools** : OpenSSL - Tor - OpenVPN - GnuPG

Passions

- + Sports (Football)
- + Reading
- + Chess
- + CTF Challenges
- + Problem Solving