

EDUCATION

Illinois Institute of Technology (IIT) - Chicago, IL

Master of Information Technology and Management, August 2017

- Graduate specialization: Data Management.
- Relevant coursework: JAVA, Advanced Data Management, Data Warehousing, Data Analytics, Python.

ESIGELEC - Rouen, France

Master of Business Engineering in IT and Networks, August 2016

- Relevant coursework: Object-Oriented Programming, Database Administration, IT Project Management.

EXPERIENCE

Great HealthWorks, Fort Lauderdale, FL

VoIP Systems Developer, Oct, 2017 – Today

- Developed a call center application used by 1800 agents with 500 simultaneous calls.
- Development a Real-Time monitoring interface for the call center supervisors to better coordinate the response to call storms and to make important data-driven decisions.
- Developed a secure Calls and Screens Recordings interface that stores all customer related confidential interactions.

Illinois Tech, Chicago, IL

IT Systems Developer, Jan, 2017 (8 months)

- Developed an indoor location system to locate 911 callers inside a building providing the 911 operators information about the floor and the room where the caller is located with a 9 feet precision.
- Publication: Dispatch-able indoor location system for mobile phones based on a Bluetooth Low Energy array (2017). DOI: 10.1109/iptcomm.2017.8169750
- Awarded Best Dangerous Demo at ClueCon 2017 (Annual technology conference for developers).

Orange, Paris, FRANCE

Software Developer, Jun, 2016 (3 months)

- Developed a Software to flash and configure ODROID single board computers that are used all around Orange offices in France to display Social TV.

ESIGELEC, Rouen, FRANCE

IT Solutions Architect, Dec, 2015 (6 months)

- Designed a system to do the follow-up of pregnant women in Africa within the context of a project by Orange Labs and USAID to reduce infant mortality.

Presud SARL, Marrakesh, Morocco

Software Developer, Jun, 2015 (3 months)

- Developed an inventory management application for a local business that helped keeping track of \$1000+ of losses that the company had monthly.

SKILLS

Frontend development

- Angular, HTML/CSS, JavaScript, TypeScript, Bootstrap, jQuery, Ionic, Sass, Less.

Backend development

- Node.js, Express.js, PHP, Symfony, API, WebSockets.

Databases

- SQL, MySQL, Oracle, Percona, MariaDB, NoSQL, MongoDB, Redis, CouchDB, RethinkDB.

Software development processes and tools

- RabbitMQ, Version control (Git, GitLab, Bitbucket, Pipelines), Debugging, SDLC, Agile (Jira), Scrum, Sentry, Unit testing.

Telephony

- WebRTC, SIP, Asterisk, PBX.

Other Skills

- C++, Java, Object-oriented programming, Linux, NGINX, Apache, Load balancing, Clustering, Scaling, Monitoring.

Languages

- Fluent in Arabic, French and English.