

# **Safynaz AbdEl-Fattah Sayed**

## **Personal Details:**

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## **Education:**

### **Faculty of Computers & Artificial Intelligence – Cairo University (PhD Degree)**

**Thesis Title:** An intelligent Diagnostic Prediction System in Healthcare.

**Published paper:**

<https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9551289>

**Published Place:** IEEE Access

**Graduation year:** Discussed in 21/12/2022.

### **Faculty of Computer science – Cairo University (Master Degree)**

**Thesis Title:** A Computational Model for Feature Selection Techniques.

**Published paper:**

<http://www.sciencedirect.com/science/article/pii/S0167865516300186>

**Published Place:** Pattern Recognition Letters – Elsevier.

**Impact Factor:** 2.81.

**Graduation year:** Discussed in 1/11/2016.

### **Faculty of Computer science – Helwan University (Bachelor of computer science).**

**Major:** Computer science.

**Grade:** Very Good (84%) , B+.

**Graduation year:** 2009.

## **Graduation project:**

- **Title:** Real Time System for Heart Monitoring (Sponsored by **ITWORX**).
- **Description:** Heart monitoring system that monitor the heart beats 24/7 to determine the heart condition of the patient and take an action by sending SMS or making call, all of that with respect to the mobility freedom of the patient.
- **Category:** Bio-informatics.
- **Grade:** Excellent.

## **Work Experience:**

### **Beni-Suef University: (February 2022– Current)**

- Lecturer in Faculty of computers and Artificial Intelligence at Beni-Suef University <http://www.bsu.edu.eg/>

### **Luxor University: (November 2017 – February 2022)**

- Teacher assisting in computer science and information system faculty at Luxor University <http://www.luxor.edu.eg/>

### **Beni-suef University: (April 2012 – October 2017)**

- Software engineering in ICTP.
- Worked in many websites and projects in the university as following:
  - Android BSU Mobile app to include the main sections about the university.
  - BSU web site <http://www.bsu.edu.eg/> using ASP.net C#
  - All BSU Journals web sites like <http://www.bsu.edu.eg/bsujournals/JVMR.aspx>.
  - All BSU faculties web sites like [http://www.bsu.edu.eg/Sector\\_Home.aspx?cat\\_id=2](http://www.bsu.edu.eg/Sector_Home.aspx?cat_id=2).
  - All BSU dynamic websites with their backend websites.
  - All activities and tasks of ICTP.
- Trainer in summer courses for students of computer science and science faculties.

### **AsgaTech Company: (November 2013 – January 2013)**

- Team Leader for Android and Java team.
- Worked in **Axiom Self-care** mobile app.

### **Freelancer Developer:**

- Worked in Android apps as android developer like **NonoGay, PrayerNIqama, Sahat news and m-Learning for Ph.D. degree.**
- Worked in web sites and web services.

### **Tawasol Company: (August 2009 – April 2012)**

- Software Engineer using Java technologies.
- Worked in many projects using the following technologies:
  - **Android**
  - **Java** (SpringMVC3.0 – Hibernate – Play Framework– GWT)
  - **Database** (MySql – NoSql (mongo DB))

- Designed and Developed many Android applications like **Al-Riyadh, CMA, Jaddah Festival, MoReEgypt, Hajji, Egyptian Lawyer Guide, and Al-Jazeera News .**
- Worked on architecting and Building backend and web services components for many Mobile Applications such as: **Tahrir News application, Viva self-care, DaliliKSA, Ramadany, and Egyptian Lawyer Guide.**
- Did Bench-Marking testing for all developed web services to ensure its reliability and scalability.
- Cooperated with the designers to put the specs of **UI** elements and components.
- Experienced the Agile development methodology: daily **SCRUM**, development sprints, issue tracking, project documentation, peer review, and release planning and management.
- Experienced **SVN** tools
- Worked on Continuous Integration tools like **Jenkins** tool with Ant build tool.
- Worked on Code review tools like **Sonar** tool

### **Technical Skills:**

#### **Programming Languages:**

- Java for Android.
- Java for web service.
- C#.
- Php for websites and webservices.
- Python.

#### **Web Development:**

- Play Framework.
- Html5 – Bootstrap – Css3.
- PHP – Laravel framework.
- PHP Platforms (Word press, Joomla, Adhere).
- Spring Mvc – Spring 3.0 Mvc Web service.
- Restful web service.
- Hibernate.
- GWT.
- JSP/ Servlets.
- ASP.net.
- XML and Json.

#### **DBMS:**

- SQL server, JDBC.
- My Sql.
- No Sql (MangoDB).

### **Conceptual Knowledge:**

- Full understanding of Object Oriented Programming (OOP) concepts, Database design, UML, Artificial Intelligence (AI), Machine Learning ,Feature Selection techniques , Classifications techniques, Swarm Intelligence Algorithms, Software Security and Software engineering concepts.

**Languages:**

- Arabic: Mother Tongue.
- English: Very good.
- I has TOEFL Test Certificate with 533 grade.