

Hesham Saleh

Computer Engineering Undergraduate

Well versed in object oriented and structured programming, with solid experience in leadership and graphic design. Highly organized with the ability to manage multiple projects and consistently meet deadlines.

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EDUCATION

Computer Engineering

Arab Academy for Science and Technology

09/2014 – Present

GPA: 3.78/4.00

- Data Structures
- OOP
- Structured Programming
- Computer Architecture

High School (IGCSE/A Levels)

British School of Alexandria

09/2006 – 06/2014

PROJECTS

Suggestify (May 2017) - MacOS/PC, Java, FXML

- A recommendation app for discovering new music by machine learning. It suggests similar artists based on the user's favorites (using a 360k user dataset) and allows them to create a new playlist with the results through the Spotify® API. (team of 3)

WeatherNOW (Feb 2017) - iOS, built using Swift

- Weather app, calls the OpenWeatherMap API and parses JSON strings to retrieve 10 day weather forecasts.

Listr (Jan 2017) - iOS, built using Swift

- Wish listing app, uses CoreData to save user input and sort entries based on title, date and price.

Magic Mushroom (Dec 2016) - C#, Unity3D

- A 3D Endless runner/shooter style game developed within ~36 hours. (team of 3)

Recap (Jul 2016) - iOS, built using Swift, C

- An automatic extraction-based text summarization tool that ranks the sentences within the text by importance, removing insignificant transition phrases and unnecessary clauses.

EXPERIENCE

Software Development Intern

POET GmbH

08/2017

www.poet.de

- Worked on a web based internal HR System using Java, Servlets, JSPs (Backend), HTML, CSS, jQuery (Frontend), MySQL (RDBMS) and SVN (version control).
- Implemented new features and refactored code with ~50% reduction.

TECHNICAL SKILLS

Java

Swift

C++

C#

Adobe Photoshop

HTML

CSS

jQuery

MySQL

Git

VHDL

Unity3D

Arduino

AWARDS

Certificate of Talent (2014 – 2015)

The Quest by Unilever Business Competition (MENA Region)

Global Citizenship Award (2014)

British School of Alexandria

ACTIVITIES

Firefox Student Ambassador (2015 – 2016)

Mozilla Foundation

Student Body President (2013 – 2014)

British School of Alexandria

Community Project Manager (2013 – 2014)

Interact Club - Charity work

Graphic Designer (2012 – Present)

Freelance

Tennis Player (2010 – 2013)

Master Tennis Academy

LANGUAGES

Arabic



English



French



INTERESTS

App Development

UI/UX Design

Machine Learning

Natural Language Processing

Game Development

Internet of Things

Football

Hiking

Traveling