

Patrick Attia

SOFTWARE ENGINEER · CS STUDENT

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Education

GUC (German University in Cairo)

Cairo, Egypt

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Oct. 2013 - Jul. 2018

- Cumulative GPA :0.8 (3.95 on 4.0 scale).
- Ranked 5Th on My Faculty (Top 3%) .

Technical Skills

Programming Languages Java, C++, C, C#.

Technologies Git, Linux, Latex, Eclipse, Visual Studio, Android, AngularJS, NodeJS.

Experience

GUC (German University in Cairo)

Cairo, Egypt

JUNIOR TEACHING ASSISTANT (JTA)

Oct. 2014- Dec. 2016

- Tutoring underclass students.
- Explain in Computer Science fundamentals to student in Courses I have previously took.
- Debug their code in the Labs and Correct the logic of their Code.

Etisalat Misr

Cairo, Egypt

SUMMER IT INTERN

Aug. 2014 - Exp. Apr. 2016

- Implemented a web Application that connect to a Twitter account using its APIs using ASP.Net and C#.

Honors & Awards

INTERNATIONAL

2016 **Participated**, Robocup RoboRescue Simulation Competition

Leipzig,
Germany

2016 **Semi Finalist**, Robocup RoboRescue Simulation Competition

Leipzig,
Germany

Projects

Online Airline Booking System

MEAN Stack

- IMPLEMENTED THE PROJECT USING THE AGILE METHOD AND MEAN STACK.
- I WAS PART OF A 7 MAN TEAM, I WAS THE SCRUM MASTER.
- WON FIRST PLACE IN THE SE COURSE.

Database Engine

Java

- IMPLEMENTED A DATABASE ENGINE THAT CAN CREATE TABLES, SELECT FROM THEM, ADD TO THEM OR DELETE ENTRIES.
- IMPLEMENTED TABLE INDEXING USING OUR OWN IMPLEMENTATION OF B+ TREE.
- I WAS PART OF A 2 MAN TEAM.

ChatBot Application

Android, Go

- IMPLEMENTED A SERVER THAT HANDLES REQUEST AND HITS GMAIL APIs USING GO.
- IMPLEMENTED AN ANDROID APPLICATION WITH A CHAT INTERFACE THAT SENDS REQUESTS TO THE SERVER.
- I WAS PART OF A 3 MAN TEAM.

Yugioh board game

Java

- IMPLEMENTED THE GUI AND THE LOGIC OF THE GAME.
- I WAS PART OF A 2 MAN TEAM.

Extracurricular Activity

GUC RoboCup Team

Cairo, Egypt

MEMBER

Nov. 2015 - PRESENT

- Implemented many algorithms such as Hungarian Algorithm in Task Assignment.
- Participated on Robocup competition.

Soft Skills

Languages

- Arabic, Mother tongue
- English, Fluent
- German, Elementary