CLAUDE ABOUNEGM
SOFTWARE DEVELOPER

ABOUT

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CLAUDE-ABOUNEGM

in IN/CLAUDEABOUNEGM

DEVELOPMENT

MASTER
C# (8+ YEARS)
JAVA (4+ YEARS)
JAVASCRIPT (4+ YEARS)
C (3+ YEARS)

INTERMEDIATE
ASP.NET
HTML
CSS/SASS
C++
JQUERY
BOOTSTRAP
ANGULARJS
LLVM
PHP
REST

BEGINNER
LARAVEL
ASSEMBLY
GULP
GRUNT

TOOLS

VISUAL STUDIO
ECLIPSE
WEBSTORM
PHPSTORM
GIT
NODE.JS

DATABASES

MYSQL
MONGODB

LANGUAGES

ARABIC *(NATIVE)*
FRENCH *(NATIVE)*
ENGLISH *(FLUENT)*

EDUCATION

ELIZABETHTOWN COLLEGE
BACHELOR OF SCIENCE
> **COMPUTER ENGINEERING** (MAJOR GPA: 3.80)
> **COMPUTER SCIENCE** (MAJOR GPA: 3.66)

MAY 2017
OVERALL GPA: 3.41

THE AMERICAN UNIVERSITY IN CAIRO
SEMESTER ABROAD

JANUARY - MAY 2016

PROJECTS

IOT: ENERGY EFFICIENT SOLUTION
AUGUST 2016 - PRESENT
- This is a four-person senior project. Smart Frame is a successor and extension to a project called Smart Mirror, which is a voice activated mirror with IoT features. Our project uses Node.js, and makes use of sensors to autonomously take actions. The collected data is also saved to MongoDB. Python is also used.
- I am currently leading the design and development of the project. We plan on controlling ACs, window blinds and lights.

SHADOW PROGRAMMING LANGUAGE
AUGUST 2016 - PRESENT
- Successfully implemented threads for Shadow, on the grammar and compiler level, and coded its functionality using Shadow, Java, C and LLVM. Threads use message passing to communicate.
- Designed and coded a micro-framework to support compiling and linking C code with Shadow. Expanded the Shadow standard library.
- Wrote Shadow tests for all new features added which run using JUnit.

ETOWN SCHEDULE GENERATOR
FEBRUARY - APRIL 2014
- Individually designed and developed a desktop application for personal use to generate possible schedules based on personal preferences. The application quickly spread between students without my intervention.
- Presented the working product to Information and Technology Services (ITS) and procured a summer job with ITS to create a web-based version of my schedule generator using ASP.NET.

EXPERIENCE

ELIZABETHTOWN COLLEGE
TEACHING ASSISTANT & DISHROOM WORKER
JANUARY - PRESENT

My duty is to help students perform the lab experiments, and grade those labs. I also work at dining services in the dishroom on the side.

UNPLUGGED WEB, EGYPT
BACKEND DEVELOPER INTERNSHIP
JULY - AUGUST 2016

Partially developed a version of the backend API of a travel agency website using Laravel and MySQL.

IBM, EGYPT
APPLICATION DEVELOPER INTERNSHIP
JULY - AUGUST 2015

Attended a complete Java review. Worked on several programming tasks.

ORASCOM (OCI), EGYPT
IT TRAINEE
JULY 2015

Focused on Database Administration with MS SQL Server and Oracle. Used SQL Queries and SQL Server Management Studio to manage the databases.

ELIZABETHTOWN COLLEGE
ASP.NET WEB DEVELOPER
MAY - AUGUST 2014

Developed a web variation of my Etown Schedule Generator using ASP.NET web forms, HTML, JavaScript, jQuery, Bootstrap and CSS. The web application was successfully delivered by the requested deadline and is live on the college's website at: http://jayweb.etown.edu/sched.

AWARDS

EMERGENT SCHOLAR - ELIZABETHTOWN COLLEGE
2015

Having more than 3.75 cumulative GPA during the first three semesters.

HAGER SCHOLAR - ELIZABETHTOWN COLLEGE
2014

Selection based on academic achievement and potential, in recognition of academic excellence.

DEAN'S LIST - ELIZABETHTOWN COLLEGE

A full-time undergraduate student who earns a semester grade point average of 3.60 or better in 14 or more credit hours. Spring & Fall 2014, Spring & Fall 2015