

# Mahmoud Alarby

## JUNIOR SOFTWARE ENGINEER

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## EDUCATION

**ZAGAZIG UNIVERSITY**  
**BSc IN MATHEMATICS AND**  
**COMPUTER SCIENCE**  
Dec 2019 | Present  
College of Science  
GPA: 2.2 /4

## LINKS

Github:// [Seth0x41](#)  
LinkedIn:// [Seth0x41](#)  
Twitter://[Seth0x41](#)

## SKILLS

### TECHNICAL SKILLS

Proficient with

• Python • C++ • SQL • HTML5 • Git  
• Linux • Matlab

Familiar with:

• CSS5 • Bootstrap • JavaScript • Bash  
• PHP

### SOFT SKILLS

Strong

Willing to learn • adaptability • Public  
Speaking • Problem-solving skills

## LANGUAGES

### PROFICIENCY LEVEL

Native proficiency:

Arabic

Professional Working Proficiency:

English

Beginner:

French

## HACKER ONE

### BUG HUNTER

2018 | 2020

- Discovering vulnerabilities in web web Applications
- Suggest solutions to fix these vulnerabilities
- Building automation tools for scanning and exploit these security issues

## SUMMARY

Junior Software engineer studying mathematics and computer science at Zagazig University, I have worked as a Web Application Penetration Tester on platforms like HackerOne and BugCrowd and now I am interested in software engineering especially data science and machine learning

## TECHNICAL PROJECTS

### MATHEMATICS AND COMPUTER SCIENCE CHATBOT | PYTHON 2020

- chat bot for helping my colleagues at the department to share lecture notes with each other

### SUPPLIERS MANAGEMENT SYSTEM | PYTHON, PYQT, SQLITE 2022

- GUI application helping the importers of computers, laptops and other products tracking their imports. They can Take an overview about their suppliers information such as (names, orders, prepaid amount , remain amount, supplier country, Quantity delivered, remaining quantity, supplier description and big overview about importer storehouse including (waiting items and its codes, items names, it's supplier, total of Pieces, total of received pieces) and also he can get these information with product name filters, providing some functions such as Edit product information and suppliers information, Add and remove suppliers or products, Alter products to delivered state

### EMAILX | PYTHON 2020

- Extracting All Emails From Web pages.

### AIMS | PHP 2020

- Simple blog contains 3 endpoints to simulate the real-world Hacking techniques

## CERTIFICATIONS

### LINKEDIN

- Web Development: Full Stack and Front End
- Programming Foundations: Databases

### KAGGLE

- Python

### DATA CAMP

- Introduction to Python
- Introduction to SQL