

Noran Mohamed Zaki

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Education

Ain Shams University: Faculty of Computer and Information Sciences

- Major: Software Engineering
- Cumulative GPA : 3.09

(Sept 2019-May 2023)

Abo Zahra Islamic School

(2005-2019)

Projects

- Flappy bird game (using C++, SFML)
- Training Center System (using C#, SQL Database)
- (This is Egypt) website (using HTML, CSS, JavaScript)
- Data visualization Program (using Python)
- Backend of a (Shoes-Ecommerce) Website (using NodeJS, MongoDB, Express, TypeScript).
- Image-Filtering and improving: based on taking the pixels and sorting them using algorithms in order to get the best quality of the picture (Counting sort, Quick sort, kth Element sort, Alpha trim filter, Adaptive Median filter)
- Software Metrics program to measure function point (using c#)
- Compute Graphics Project (using Blender)
- Mini Uber Application (using Android Studio, Firebase)
- Machine learning project : Predict a movie's net profit using a multiple regression model built from scratch (using Python, NumPy, Pandas, Matplotlib)

Extracurricular activities

- **acmAscis** | Training committee member (2019) :
Learned C++ basics and joined competitive programming contests
- **ApplAi** | Training committee member (2021) :
Learned Python basics and data analysis
- **ApplAi** | PR Member (2021-Present)
- **Ain Shams Career Center** | Employability skills Training (2021)
- **Employment Fair AinShams University** (2022): attended as a volunteer in the ushering team

Skills

- Programming Languages : HTML, CSS, JavaScript, C/C++, C#, Java, Python.
- Concepts: OOP, Data Structures, Algorithms, Database Design, Design Patterns, Agile.
- Technologies, Tools and Frameworks: ASP.NET, NodeJS, Firebase, Android, Git, GitHub

References furnished upon request