

HADY ABDALLAH HAFEZ

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Education

Cairo University

Sep. 2020 – Jul 2024

Bachelor of Computers and Artificial Intelligence in Computer Science With 3.5 GPA

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Natural Language processing
- Artificial Intelligence
- Machine Learning
- Systems Programming
- High Performance Computing

Projects

SentiSnap (Graduation Project) | *HTML, CSS, Bootstrap, React js, PHP , Laravel ,Python*

- SentiSnap is A Machine-Learning-based and NLP web app that helps users, including online brands, influencers, and companies, better understand the sentiments expressed in Arabic reviews on different social media platforms, particularly Instagram and Facebook. Ultimately, we hope that this tool will empower brands, influencers, and companies to improve their products, content, or any related aspects based on the sentiments expressed in the reviews, leading to continuous enhancement and better connection with their audience.

Bookly: Books App | *Dart, Flutter*

- Bookly is a sophisticated reading application developed using Flutter, designed to offer users a seamless and dynamic reading experience. The app integrates advanced architectural patterns such as MVVM (Model-View-ViewModel) and BLoC (Business Logic Component) to ensure efficient performance and a highly responsive interface. With Bookly, users can explore an extensive collection of books, featuring a robust search function and a preview option, all within a free and user-friendly application..

NewsAPP | *Dart, Flutter*

- This project exemplifies the versatility and efficiency of Flutter in creating dynamic, user-friendly applications. it supports Arabic news. The development process involved meticulous refinement of the UI and optimization of performance to deliver an exceptional news experience.

PinIt: Notes App | *Dart, Flutter*

- This project versatile notes application developed using Flutter, designed to empower users to effortlessly capture, organize, and retrieve their ideas. PinIt is meticulously crafted to assist users in managing their thoughts, appointments, and essential information with efficiency, all within an intuitive and user-friendly interface.

COMPUTER-VISION-MNIST-CLASSIFICATION | *Python*

- This project focuses on classifying handwritten digits from the MNIST dataset using computer vision techniquesby leveraging various deep learning models. The project also provides insights into model performance, hyperparameter tuning, and visualization of results, making it ideal for those interested in computer vision and digit classification.

Student Affairs website | *HTML, CSS, JS ,Python, Django*

- I contributed to a web technology project for a Student Affairs website, collaborating with a team to implement modern web technologies. This project aimed to enhance student engagement and streamline administrative processes, showcasing my skills in web development and teamwork.

Fuzzy Logic Toolbox | *C++*

- A “Fuzzy Logic Toolbox” provides functions and apps for designing and simulating fuzzy logic systems. It lets the user specify and configure input variables, output variables, membership functions, rules and defuzzification methods.

Technical Skills

Languages: C++, Python, Java, Dart, Flutter, HTML,CSS, JavaScript, SQL, PHP

Developer Tools:GitHub, VS Code, Eclipse, Google Colab, CodeBlocks, CLion

Skills

- Problem solving
- Teamwork
- Student Engagement
- Flexibility
- Leadership
- Active listening
- Creativity
- Communication

Leadership / Extracurricular

Student Union of the Faculty of Computers and Artificial Intelligence

President of the Cultural Committee

Cairo University

Student Union of the Al-Haram Educational Administration

President

Haram, Giza

ICPC

Leader