

# Peter Emad

COMPUTER AND INFORMATION SCIENCE STUDENT

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## About Me

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Computer Science student at El Shorouk Academy with a passion for software development, front-end engineering, and AI. Experienced in building responsive web applications and deploying real-world machine learning models. Eager to grow as a software engineer through hands-on projects and continuous learning.

## Experience

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Frontend & IT Intern – EFG Holding  
Aug 2025 – Sep 2025

- Assisted in front-end development tasks, enhancing web applications using HTML, CSS, and JavaScript.
- Collaborated with the IT team on troubleshooting and system support tasks.
- Improved practical skills in web development, IT operations, and teamwork in a corporate environment

ITI Internship – Introduction to Web Technology  
Feb 2025

- Gained hands-on experience in front-end development using HTML, CSS, JavaScript, and Bootstrap.
- Built multiple responsive web projects with a focus on accessibility and clean UI/UX design.

Sprints x Microsoft Summer Camp – AI and Machine Learning Specialization  
Aug 2025

- Developed a complete heart disease prediction model using the UCI dataset.
- Applied data preprocessing, PCA, classification algorithms (Logistic Regression, Random Forest, SVM), and hyperparameter tuning.
- Deployed the model using Streamlit and Ngrok.
- Strengthened practical skills in AI, machine learning, and data science.

Level 1 Problem Solving Training  
2024 – 2025

- Participated in the ICPC SHAC Newcomers Competition.
- Improved algorithmic thinking, coding speed, and accuracy under time pressure.

## Education

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El Shorouk Academy – Cairo, Egypt

- BSc in Computer and Information Sciences (*Expected 2028*)

El-Maaref Language School – Cairo, Egypt

- High School Diploma (*Graduated 2024*)

## Projects

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### ENGAGE – Interactive Web Platform

- Developed a modern, responsive website using **HTML, CSS, Bootstrap, and JavaScript**.
- Focused on dynamic layout, intuitive UI/UX design, and mobile responsiveness.
- Demonstrated strong front-end development skills and attention to detail.

### Heart Disease Prediction AI Model

- Created a machine learning model using real-world medical data.
- Applied preprocessing, PCA, classification algorithms, and hyperparameter tuning.
- Deployed using Streamlit for live demo access.

## Certifications

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- **Certificate of Excellence** – ITI Web Technology Internship (Feb 2025)
- **Certificate of Excellence** – AI & Machine Learning-SprintsxMicrosoft Summer Camp (Aug 2025)
- **Certificate of Excellence** – IT Operations Internship at EFG Holding (Aug 2025)
- **Certificate of Excellence** – Frontend Internship at EFG Holding (Sep 2025)

## Skills & abilities

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- **Programming Languages:** C++, C, C#
- **Web Development:** HTML, CSS, JavaScript, Bootstrap
- **AI & Data Science:** Python, scikit-learn, Streamlit, PCA, Classification Algorithms
- **Tools & Technologies:** Git, Microsoft Office, Ngrok
- **Soft Skills:** Problem Solving, Communication, Teamwork, Leadership, Fast Learner, Ability to Work Under Pressure