Maria Nashaat

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Portfolio: https://marianashaat-cs.github.io/MariaNashaat-portfolio/

Summary

A final-year Computer Science student with a passion for crafting responsive websites and intuitive mobile applications, prioritizing user expectations through meticulously designed UI/UX that enhances engagement and functionality. Focused on understanding user needs to build impactful, user-friendly apps for various platforms. I'm passionate about working across disciplines, using new technologies, and combining diverse ideas to create innovative solutions. Expert in 3D modeling with Blender and virtual reality development, seamlessly blending technical precision with creative innovation to build immersive digital experiences.

Education

Future University in Egypt
B.Sc. in Computer Science
CGPA : 3.27 | GPA : 3.94

Sept 2021 – Jun 2025
Cairo , Egypt

University of Cincinnati
B.Sc. in Computer Science (Dual Degree)

Sept 2021 – Jun 2025
Cincinnati , OH

St. John American School
High School Diploma GPA : 4

Projects

Salحly App (Graduation Project)
- Developed a mobile app using *Flutter(Dart) & Firebase* for home repair services.
- Integrated an *AI chatbot (Gemini Flash 3.5)* for answering user questions.
- Designed 3D tutorial videos in *Blender* and a VR module to visualize step-by-step repair processes.
- Conducted user testing and optimized app performance for seamless experience.
- Deployed app with real-time database updates and user authentication.

Small Killing Game
- Built a simple 2D game using *JavaScript, HTML, and CSS* with player interaction and dynamic gameplay.
- Implemented basic collision detection and scoring system.
- Optimized game performance for cross-browser compatibility.

Cat vs Dog Classifier
- Created a machine learning model in Python for classifying cat vs dog images with high accuracy.
- Utilized convolutional neural networks *(CNNs)* and pre-trained models.
- Achieved 95% accuracy after hyperparameter tuning.
- Developed a user interface for real-time image classification.

Missing Pills Detector
- Implemented a *MATLAB application* to detect missing pills using image processing techniques.
- Applied edge detection and pattern recognition algorithms.
- Tested on various packaging types with 98% detection rate.

Body Splash Market App
- Built a mobile app using *Android Studio(Java)*.
- Created UI/UX mockups in *Figma*.
- Integrated product filtering and payment gateway.
- Designed intuitive navigation and responsive layouts.

Bakery Website
- Designed and developed a responsive website using *HTML, CSS, JavaScript* to showcase bakery products.
- Implemented an online ordering system with cart functionality.
- Optimized site for mobile and desktop with fast load times.
- Added a contact form and social media integration.

Car Selection App
- Created a *Flutter* app for browsing and selecting cars with a smooth user interface.
- Integrated a search filter for car models, prices, and features.
- Designed an interactive comparison tool for users.

Technical Skills
- Programming: C++, Java, C#, Python, MATLAB, JavaScript
- Mobile Development: Flutter, Android Studio
- Frontend: Firebase, HTML, CSS
- UI/UX Design: Figma
- 3D & VR: Blender, Unity
- Tools: Microsoft Office

Soft Skills

- Project Management
- Teamwork
- Time Management
- Leadership
- Effective Communication.
- Critical Thinking

Certificates & Training

- **Sprints x Microsoft Summer Camp – AI and Machine Learning:** Completed 40-hour training on AI concepts, machine learning models, and practical applications.

  Issued Sep 2025

- **Data Science & Analytics Certificate – HP LIFE**: Certified in data analysis, visualization, and applying insights to real-world decision-making.

  Issued Aug 2025

- **VR Training – Future University in Egypt**: Gained hands-on experience in VR development, immersive simulations, and 3D interactive environments.

  Issued Aug 2024

- **Volunteer Certificate – ICCI**: Contributed to community initiatives, developing teamwork, leadership, and organizational skills.

  Issued Mar 2024

- **NxL Youth Empowerment Program**: Focused on AI mastery, sustainability, and data-driven solutions through global collaboration.

  Issued Nov 2023

- **ITIDA & InnovEgypt – 45-Hour Training & Startup Development**: Trained in entrepreneurship, business modeling, and innovation-driven project execution.

  Issued Sep 2023

Achievements & Representation

- **AI Forum Expo 2025 – Future University in Egypt**: Selected to represent the university at a national innovation event with delegates from 15 countries, presenting AI projects to the Minister of Youth and Sports and global industry leaders.

  Issued May 2025

Languages

- English – Fluent (Spoken & Written)
- Arabic – Native
- French – Basic