FARIDA ASHRAF HANAFY

Giza, Egypt | 11 May 2003

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SUMMARY

Computer science junior at Nile University with a passion for full-stack development. Seeking a full-stack development or software engineering internship to apply technical expertise in real-world projects, enhance user experiences, and contribute to impactful solutions.

EDUCATION

Third-Year Student, Bachelor of Computer Science, Nile University
Expected Graduation: June 2026
- **Cumulative GPA:** 3.96/4.0
- **Honors:** President's Honors List Spring 2024 and Fall 2024 (SGPA: 4.00)

High School Graduate, Ismailia STEM, Graduated: August 2022
- **Score:** 83.35%

EXPERIENCE

[IECC, NilePrenueurs, Nile University](#)

Junior One-Man Crew, Part-Time, June 2024–Present

- Created and managed social media content to promote innovation and entrepreneurship programs.
- Documented +50 events, workshops, and training sessions organized by the center.
- Assisted in editing media for campaigns and success stories.
- Helped increase online engagement and visibility of IECC's initiatives.

[Newspeak Agency](#)

Photographer & Videographer, October 2022 – February 2024

- Captured high-quality photos for products.
- Produced engaging Reels and educational course videos for social media and online platforms.

EXTRACURRICULAR ACTIVITIES

[NU ICPC](#)

Vice Head of Media Committee, Nov 2023 – Nov 2024

- Coordinated a team of 5+ members to manage media and event coverage.
- Led social media outreach, boosting engagement for competitive programming events.
- Assisted in ICPC training sessions, helping students improve their algorithmic problem-solving skills.

[NU Entrepreneurship Club](#)

Member of Media Committee, Sep 2023 – Sep 2024

- Contributed to the club's media strategy, creating content to promote entrepreneurial initiatives and events.
- Produced high-quality graphics & event coverage for showing the club's efforts.
- Helped organize pitching events, assisting startups in refining their business presentations.

IEEE NU

Member of Media Committee, March 2023–May 2024

- Supported the media team in documenting and promoting IEEE events, workshops, and sessions.
- Helped coordinate guest speakers, ensuring smooth scheduling and media documentation.

TEDxNU

Member of Media Committee, Dec 2022–Present

- Documented TEDx events and talks, ensuring high-quality content for post-event promotions and archives.
- Helped in event photography and videography, ensuring high-quality post-event coverage.

PROJECTS

Taqyim - Social Media Review Platform (Software Engineering Course Project)

Full Stack Developer, **GDG Nile University**, June 2025

- Built a full-stack social media platform using React, Next.js, Tailwind CSS, and ASP.NET Core with EF Core.
- Developed a Yelp-style platform enabling users to review businesses, follow profiles, and explore trustworthy feedback in a clean, newsfeed-style UI.
- Designed and secured RESTful APIs with SQL Server database support, applying SOLID principles and clean architecture.
- The project ranked 3rd place among all GDG NU SWE COURSE projects.

Detection of Suicidal Ideation on Social Media – Machine Learning Project
ML Researcher, Apr 2025

- Developed a multi-class classification system to detect suicide risk levels in Reddit posts using ML/DL models (XGBoost, BiLSTM, CNN).
- Constructed a dataset of 38K+ posts with engineered features like sentiment scores, temporal metadata, and keyword analysis.
- Achieved 95% accuracy with XGBoost, outperforming other models in detecting High, Moderate, Low risk and Minimal Concern levels.
- Applied transformer-based sentiment analysis and TF-IDF to enhance contextual understanding.
- Contributed to a paper supporting early suicide risk detection through social media analysis.

Bookies – Software Project (Beta Version)
Full Stack Developer, Jan 2025

- Built a full-stack website using Django, React, and Tailwind CSS with features like book reviews, reading progress tracking, joining book clubs, search functionality, and virtual libraries.
- Integrated Google API for user authentication and book data retrieval, implementing custom user roles (reader/author).
- Designed scalable RESTful APIs and planned future enhancements for book clubs and role-specific actions.

PET ADOPTION MANAGEMENT SYSTEM – DATABASE PROJECT

Database Engineer, Jan 2025

- Developed a C#/MySQL desktop app with real-time updates to streamline pet adoption processes.
- Implemented features for pet listings, adopter-shelter interactions, and real-time database updates to ensure efficient adoption management.
- Awarded 1st place in the 19th Undergraduate Research Forum (UGRF) at Nile University for innovative database design and user experience.

COURSES

- Software Engineering Fundamentals, **GDG Nile University,** 2025

ACHIEVEMENTS

Google Developers Groups (GDG) SWE Course Final Project

- Competition Participant, 11 June 2025
- Ranked 3rd place for the final SWE project, Taqyim, a feature-rich social media platform for trusted business reviews and community interaction.

19th UNDERGRADUATE RESEARCH FORUM (UGRF)

- Competition Participant, 26 Jan 2025
- Participated in projects competition
- Ranked 1st Place with Database Systems Course Project: Pet Adoption Management System

ECPC QUALIFICATIONS COMPETITION - AAST

- Competition Participant, 21 July 2024
- Participated in the problem-solving competition
- Ranked 140th place with a team consisting of three, competing in advanced algorithmic problem-solving challenges.

SKILLS

Technical

- **Programming Languages:** C/C++, Java, Python, JavaScript, TypeScript (Very Good)
- **Web Development:** HTML, CSS, React, Next.js, Django, Tailwind CSS, RESTful APIs, ASP.NET Core (Very Good)
- **State Management & Auth:** Redux Toolkit, JWT Authentication (Good)
- **Database Management:** SQL Server, MySQL, Entity Framework Core (Code First) (Very Good)
- **Software Engineering Concepts:** SOLID Principles, Clean Architecture, Agile & Git Workflow (Very Good)
- **Tools & Platforms:** Git, GitHub, Visual Studio, Postman, Swagger, Windows Forms App, NumPy, Pandas, Matplotlib (Excellent)

Business & Projects Management Tools

- Microsoft Suite, Google Workspace, Notion (Professional)

Languages

- **English:** C1
- **Arabic:** Native
- **French:** A2