

Ziad Elshahawy

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[Personal Website \(zelshahawy.github.io/website-portfolio/\)](https://zelshahawy.github.io/website-portfolio/)

EDUCATION

The University of Chicago

Bachelor of Sciences in Computer science and Math

Relevant Coursework: Honors Calculus I; Introduction to Computer Science I; Mechanics

Additional courses: Pathway: Android Development by CodePath

Chicago, IL

Expected, June 2027

February 2024

Nile Egyptian School

Diploma

GPA: 100/100

Ranked first in my class of 350 students. Pursued the highest level of academic rigor and excellence available in my high-school coursework. Achieved a 35 out of 36 on the ACT, placing in the top 1% of all test-takers.

Giza, Egypt

July 2022

EXPERIENCE

UChicago Medicine

Clerical Assistant

Chicago, IL

December 2023 – Present

- Utilize electronic health records (EHR) and other database systems to retrieve and update patient information.
- Verify and validate patients' insurance coverage to ensure accurate billing and reimbursement.
- Analyze insurance information for accuracy, including policy details, coverage and pre-authorization requirements.
- Collaborate with internal departments and external stakeholders to gather or clarify data on insurance matters.

Dr.Eman Cosmoderma Clinic

Receptionist and Novice Developer

Giza, Egypt

May 2020 – July 2023

- Initiated and led social media campaigns on Facebook and Instagram to boost brand visibility and engagement.
- Developed a database that actively tracks customers referred by our partner, ultimately to calculate the referral fees.

LEADERSHIP & ACTIVITIES

Al Hosary Mosque and hospital

Volunteer Leader

Giza, Egypt

February 2021 – May 2022

- Managed volunteers for a time-sensitive food security project across diverse and wide communities.
- Directed a team of volunteers to give access to Hepatitis C Tablets for impoverished communities.

UChicago Robotics

Club Member

Chicago, IL

October 2023 – January 2024

- Designed and optimized maze-solving algorithms for the Micro Mouse Competition.
- Integrated advanced sensors into microcontrollers such as Arduino for precise navigation.

PERSONAL PROJECTS

- Go. A representation of the popular game Go using Python. Functionalities include GUI, TUI and bot testing.
- Guessing game on Python. a simple yet engaging game where players are presented with a set of letters in the terminal and are tasked with creating words using those letters.
- A simple Python module for literary analysis and predictive language modelling. his tool leverages advanced natural language processing (NLP) algorithms to predict the probability of the next word or phrase in a given text, offering a unique insight into the linguistic patterns and stylistic choices employed by the author.
- Portfolio website. Please visit: zelshahawy.github.io/website-portfolio/