Ziad Elshahawy

Zelshahawy@uchicago.edu
(628)5882863 | 1414 E. 59th Street, Chicago, IL
github.com/zelshahawy | linkedin.com/in/ziad-elshahawy
[Personal Portfolio Website (zelshahawy.github.io)](zelshahawy.github.io)

EDUCATION

The University of Chicago   Chicago, IL
Bachelor of Sciences in Computer science and Math   Expected, June 2027
Relevant Coursework: Honors Calculus I; Introduction to Computer Science I; Mechanics

Nile Egyptian School   6th October City, Egypt
Diploma   July 2022
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.

EXPERIENCE

UChicago Medicine   Chicago, IL
Clerical Assistant   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   6th October City, Egypt
Receptionist and Novice Developer   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   6TH October, Egypt
Volunteer Leader   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   Chicago, IL
Club Member   October 2023 – Present
- Designed and optimized maze-solving algorithms for the Micro Mouse Competition.
- Integrated advanced sensors into microcontrollers such as Arduino for precise navigation.

PERSONAL PROJECTS

- 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.
- Tic Tac To – a fully Object-Oriented Python Program.
- 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