

Roukaya Mohammed

Computer Science Undergraduate at Innopolis University

[\[LinkedIn\]](#) [\[GitHub\]](#)

Email : roka.zaki2002@gmail.com

Mobile : +20 150 835 8800

Telegram : [\[@GammaV\]](#)

EDUCATION

- **Innopolis University** Innopolis, Republic of Tatarstan
Bachelors of Science in Computer Science *Aug 2021 - Present (expected graduation Aug. 2025)*
 - Coursework: Operating Systems, Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Databases, Probability and Statistics, Introduction to Programming and Software System Analysis and Design.
 - GPA: 4.38/5.0

WORK AND LEADERSHIP

- Training supervisor of the Egyptian team for EGOI 2022.
Prepared problem sets for the team, monitored their performance, gave them weekly feedback, and discussed ways for improvement. (2021 - 2022)
- Technical instructor at African Science & Robotic Carnival.
Instructed 2 teams of ages 3 - 8 to use WeDo kit and build a model for a modern technological city. (2020)
- Robotics instructor at Egypt Science & Robotic Carnival.
Instructed 2 teams to finish the carnival challenge. (2019)
- Math teacher for preparatory and primary students.
Organized private math lessons for students to help them in studying for school. (2019 - 2022)

CERTIFICATES AND AWARDS

- Achieved a bronze medal at the European Girls' Olympiad in Informatics (EGOI) in 2021.
- Earned a silver medal in the Arab Math Olympiads (2020-2021).
- Achieved a bronze medal at the ECPC Teens in 2021.
- Ranked in the top 25 at the Egyptian Collegiate Programming Contest in 2020 as a high school student.
- Received 2 silver and 1 bronze medals at the Egyptian Olympiads in Informatics from 2018 to 2020.
- Achieved 22nd place at the Africa and Arab Collegiate Programming Contest for Girls in 2018 as a high school student.
- Attained 2nd place in the Egyptian Math Olympiads qualifications and was a member of the Egyptian team in the Arab finals (2020-2021).
- Won first place in the NASA Space Apps competition in 2019 (in the respective category).
- Received a Diploma of Excellence at the Kangaroo Math Competition.
- Earned a gold medal at Robogames in 2017.
- Reached the finals and secured a position in the top 15 among 700+ teams at the COVID-19 Virtual Hackathon in 2020.
- Achieved 3rd place in the Internet of Things Competition in 2019.

PROJECTS

- **Chuck Norris Jokes:**
 - **Description:** A mobile application that fetches jokes from Chuck Norris API and displays them. It also has features to fetch by category or search by a keyword.
 - **Technologies and Tools:** Flutter, Dart, Chuck Norris API, JSON parsing, basic UI design, and user interaction.
 - **Github Repository:** [ChuckJokes](#)
- **CV Parser:**
 - **Description:** A web application that can be used for parsing specific information from resumes using a Natural Language Processing API (iExtract API).
 - **Technologies and Tools:** Flutter, Dart, C++, Figma, iExtract API, JSON parsing, basic UI design, and user interaction.
 - **Github Repository:** [CV Parser](#)
- **Fix My English:**
 - **Description:** A Flutter application that analyzes text, detects academic writing mistakes, and shows them.
 - **Technologies and Tools:** Flutter, Dart, text analysis, highlighting, dark/light theme implementation, and localization.
 - **Github Repository:** [Fix My English](#)

LANGUAGES

Arabic (Native), English (Fluent), German (intermediate), and Spanish (Beginner)

TECHNOLOGIES

Python, Java, C++, Dart, SQL, Git, data structures, algorithms, software testing, Unix scripting.