

Ahmad Abdulrahman Radwan

Cairo, Egypt | +20 114 923 1141 | ah.abdulrahmaan@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Faculty of Engineering, Al-Azhar University

Bachelor of Engineering, Major in Systems and Computer Engineering

- Foundation year: 2017

Cairo, Egypt

Sep. 2018 – Aug. 2022

TECHNICAL SKILLS

Languages: C/C++, Java, Python, Kotlin, SQL, JavaScript, HTML/CSS.

Tools & Technologies: Linux, Git, Object-oriented programming in Java & C++, Data Structures and Algorithms in Java & C++, Android, Design Patterns.

PROBLEM SOLVING COMPETITIONS & ACHIEVEMENTS

- **Bronze Medalist, ranked 11th**, in Africa & Arab Collegiate Programming Contest (ACPC 2021) and qualified to the **ICPC 2022 World Finals**.
- **Ranked 15th** in Egyptian Collegiate Programming Contest (ECPC 2021).
- **Champion, ranked 1st**, of Al-Azhar Collegiate Programming Contest (AzharCPC 2021).
- **Ranked 12th** on Egypt in Google HashCode 2021.
- **Expert** on CodeForces with max rating: **1831**, handle: [RetiredRadwan](#).

PROJECTS

PSolving Paradigms | C++

Jan. 2021 — Present

- Implemented an educational repository of common problems and their solutions in dynamic programming methods and techniques, including prerequisites for competitive programmers.
- Chose problems from several online judges (basic and extra problems) and made a sheet in details; difficulty, topics, hints and notes, in case to solve.

Unbeatable Tic-Tac-Toe | JavaScript, CSS, HTML

Nov. 2021

- Developed an unbeatable Tic-Tac-Toe game, using a reliable Artificial Intelligence (minimax algorithm and alpha-beta pruning).

Notify Me | JavaScript, HTML

Feb. 2021

- Developed a full-stack web browser extension which notifies contestants when there are announcements on [VJudge OJ](#) running contests, instead of wasting time reloading pages and looking for them periodically.

In The Queue, Please | Java, JavaFX, CSS

Dec. 2020

- Implemented the Deterministic and Stochastic Models in Queuing Theory, including showing graph result (if exists for a model).

EXPERIENCE & VOLUNTEERING

Mentor & Problem-setter

Feb. 2020 – Present

AIC - Al-Azhar ICPC Community

Cairo, Egypt

- Teaching topics, popular algorithms and techniques of competitive programming (CP).
- Helping write problem-sets for weekly sheets and contests.
- Trained +100 students in Level 1 & 2 Trainings.