

Ahmad Abdulrahman Radwan

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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

EXPERIENCE & VOLUNTEERING

Software Engineer

bld.ai

Mar. 2022 – Present

Florida, United States (Remote)

- Working as a full-stack developer on designing, maintaining and developing new features.
- Using technologies: Django, PostgreSQL and React.

Mentor & Problem-setter

AIC - Al-Azhar ICPC Community

Feb. 2020 – Present

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.

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).

TECHNICAL SKILLS

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

Tools & Technologies: Django, PostgreSQL, React, Linux, Git, Android, Design Patterns.