Ahmad Abdulrahman Radwan

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EDUCATION

Faculty of Engineering, Al-Azhar University   Cairo, Egypt
Major in Systems and Computer Engineering   *Sep. 2017 – Jun. 2022*
- Grade: Good.

PROBLEM SOLVING COMPETITIONS

- **Ranked 12th** on Egypt in Google HashCode 2021.
- **Finalist** in Africa & Arab Collegiate Programming Contest (ACPC) 2020.
- **Ranked 45th** in Egyptian Collegiate Programming Contest (ECPC) 2020.
- **Ranked 4th** on Egypt in IEEEXtreme 14.0 Programming Competition.
- **Solved +1300 various problems** on several online judges, (Codeforces, UVa, SPOJ, LeetCode, ..etc).
- **Expert** on Codeforces, handle: RetiredRadwan.

EXPERIENCE & VOLUNTEERING

Mentor & Problem-setter   Feb. 2020 – Present
AIC - Al-Azhar ICPC Community   *Cairo, Egypt*
- Teaching topics, popular algorithms and techniques of competitive programming.
- Helping write problem-sets for weekly sheets and contests.

Social Media Specialist   Feb. 2020 – Present
AIC - Al-Azhar ICPC Community   *Cairo, Egypt*
- Using social media platforms to connect with trainees to build and organize the training step by step, involving publishing all content about competitive programming & problem solving.

Radio/Phonetics Committee Member   Nov. 2020 – Present
MOIC ASU - Model Organization Of Islamic Co-operation   *Cairo, Egypt*
- Helping provide Arabic voice-overs involved in media posts about educating students of current trends in theory and practice of international relations, effective communication and multilateral diplomacy.

Social Media Specialist   Apr. 2019 – Jun. 2019
MOIC ASU - Model Organization Of Islamic Co-operation   *Cairo, Egypt*
- Helped provide Arabic calligraphy and typography designs involved in posts about educating students of current trends in relations and communications.

PROJECTS

Notify Me! | *JavaScript, HTML*   Jan. 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 GUI, CSS*   Dec. 2020
- Implemented the Deterministic and Stochastic Models in Queuing Theory, including showing graph result (if exists for a model).

Differentiation Lab | *Java*   May. 2019
- Implemented a calculator that allows you to solve first order and higher order derivatives of any function using Apache exp4j library, based on GUI.

TECHNICAL SKILLS

Languages: C/C++, Java, Kotlin, Python, JavaScript, HTML/CSS.
Tools & Technologies: Unix/Linux, Git, CLion, IntelliJ, PyCharm, Android, OOP in Java and C++.