

# Ahmad Abdulrahman Radwan

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## EDUCATION

### Faculty of Engineering, Al-Azhar University

*Bachelor of Systems and Computer Engineering*

Cairo, Egypt

*Sep. 2017 – Expected: Jul. 2022*

## 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 IEEEExtreme 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

*AIC - Al-Azhar ICPC Community*

Feb. 2020 – Present

*Cairo, Egypt*

- Teaching topics, popular algorithms and techniques of competitive programming.
- Helping write problem-sets for weekly sheets and contests.

### Social Media Specialist

*AIC - Al-Azhar ICPC Community*

Feb. 2020 – Present

*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.

### Radio/Phonetics Committee Member

*MOIC ASU - Model Organization Of Islamic Co-operation*

Nov. 2020 – Present

*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.

### Radio/Phonetics Committee Member

*MOIC ASU - Model Organization Of Islamic Co-operation*

Apr. 2019 – Jun. 2019

*Cairo, Egypt*

- Helped provide Arabic calligraphy and typography designs involved in posts about educating students of current trends in relations, communication.

## 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