Abdelrhman Solyman

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WORK EXPERIENCE

Arab Academy for Science and Technology   **Sep. 2019 – Present**
Graduate Teaching Assistant   *Alexandria, Egypt*
- Served as teaching assistant for:
  Introduction to Computers (CS111), Object-Oriented Programming (CS243), Advanced Programming Applications (CS244), Computer Graphics (CS352), Introduction to Networks (CE231), System Modeling & Simulation (CS305), Operating Systems (CS322).
- Initiated and organized new scientific materials in all 7 courses to facilitate learning process and making it interactive, and empowered students to use their own unique skills and creativity in developing software-based applications, discover bugs and debugging them.
- Applying ABET and quality assessments on many courses and recognized as one of best submissions in terms of time and assessment detail.

Sportfy (Startup)   **Feb. 2022 – Jun. 2022**
Software Engineer - Android Developer   *Alexandria, Egypt*
- During application development, submitted an issue affecting lifecycleOwner to google issue tracker for Google library (Compose) that was noticed and solved from Google the day after.
- Core challenges: Applying earliest version of Jetpack compose; Dealing with beta and experimental libraries; Single activity multiple views; Creation of reusable UI compose functions to be shared across the whole app.

Research   **Mar. 2018 – Nov. 2018**
Undergraduate Research Assistant   *Remote*
- Working on an essential and vital topic commonly discussed by governments and medical authorities and departments which was related to foodborne illness.
- Able to summarize more than 40 research papers related to the main topic, organizing and rewriting them in one document stating each reference using BibleRef.
- Arrange weekly sessions with the supervisor to track the progress and apply any modifications required.

Google Developers Group (GDG)   **Oct. 2017 – Jan. 2019**
Volunteer – Technical Operator   *Alexandria, Egypt*
- Participated as IT Volunteer in GDG Alexandria I/O '17 and I/O '18 hosting.
- Helped in planning and organizing for at least 10 on-site events and at least 4 mega events.

EDUCATION

Arab Academy for Science and Technology   **Graduation Sep, 2019**
Degree (BS), Major (Computer Science)   *Alexandria, Egypt*
- Ranked 1st in my class, **GPA: 3.96/4.0**
- Honored 7 Full-tuition scholarships.
- Obtained Master scholarship from university and currently pursuing my degree in the direction of networks and post-quantum cryptography.

SKILLS & INTERESTS

- **Skills:** Creative Thinking; Innovating; Planning; Researching; Challenge taking; Self Development; Problem Solving; Accuracy.
- **Interests:** Food; Travelling; Reading; Photography; Logo designing; Solving puzzles.