Ramzy J. El-Taher

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EDUCATION

Florida Gulf Coast University, Fort Myers, FL   May 2021
Bachelor of Science Degree in Software Engineering   GPA: 3.52/4.0
- Dean's List 2020
- Relevant coursework: *Data Structures and Algorithms, Object-Oriented Programming, Software Engineering Fundamentals, Data Engineering, Operating Systems, Software Specifications, Software Testing*

Florida Southwestern State College, Fort Myers, FL   May 2018
Associate of Arts in General Studies   GPA: 3.45/4.0
- Dean's List Spring 2016, Spring 2017

PROJECTS

Water Energy Food System Dashboard | JavaScript, NodeJS, MongoDB
- Developed web application to help display and optimize sensor-based real-time data collection for a Water Energy Food System built at Florida Gulf Coast University's Emergent Technologies Institute.
- Implemented REST to retrieve sensor-based data from a MongoDB database.
- Utilized chart.js to display and optimize retrieved data from the database.
- Utilized Litepicker to implement a date range picker which retrieves data based on a specific time range.

Production Line Tracker | Java
- Developed Java application using JavaFX to manage tracking inventory of what products are produced.
- Utilized H2 JDBC database engine to store and retrieve product information and production record.
- Designed GUI using SceneBuilder.

Website Portfolio | HTML, CSS, JavaScript
- Developed a personal website to display information about myself.
- Utilized typed.js and Superslides JavaScript libraries to design website header.
- Applied Owl Carousel and Easy Pie Chart JavaScript libraries to design technical skills section.

WORK EXPERIENCE

Florida Gulf Coast University, *Learning Assistant*, Fort Myers, FL   August 2019 – May 2020
- Assisted 20+ students in a sophomore level introduction to programming courses for 2 college semesters.
- Created a 2D array video tutorial as a resource for introduction to programming students.

Freelance Computer Science Tutor, Naples, FL   January 2021 – May 2021
- Assisted two students in improving their fundamental programming knowledge to help them pass the AP Computer Science exam.

CAMPUS AND COMMUNITY INVOLVEMENT

Software Engineering Club, Secretary   August 2019 – May 2020
- Planned weekly meeting and events for 30+ club members to help expand their Software Engineering knowledge.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript
Tools and Frameworks: Git, NodeJS, Express