

Marquos Samuel Zaki

Personal Information

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Education

2014 – May 2018	King Fahd University of Petroleum & Minerals , Dhahran (B.Sc) Computer Engineering
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Work Experience

June 2017 – September 2017	Product Manager Assistant (Internship) TAM Development LLC, Dammam, Saudi Arabia
2015– 2018	Teaching Assistant, Grader KFUPM

Projects

2017 – 2018	Home Automation using BrainWaves Designing and implementing a home automation system using an EEG headset for brainwaves mapping that could be used to help ALS patients . Publication: Zaki, M., Alquraini, A., & Sheltami, T. (2018). Home Automation using EMOTIV: Controlling TV by Brainwaves. Journal of Ubiquitous Systems and Pervasive Networks, 10(1), 27-32. doi:10.5383/juspn.10.01.004
2017 – 2018	Smart School Bus Designing and building a POC for a school bus monitoring system using based on RFID . Publication: IoT School Bus: Children Safety, To be presented in Smart Cities Symposium 2018 (Bahrain)
2016 – 2017	Designed implemented online management system for KFUPM Community Center using Toad Data Modeler , SQL and Java .

Knowledge & Skills

Certifications

- SAP Project Manager (C_PM_71)
- Associate Business Foundation & Integration with SAP ERP 6.0 EHP5
- IELTS Overall Score : 8.0

Computer Skills

- Operating Systems : Microsoft Windows , Linux (Ubuntu)
- Big Data & Cloud Computing: Amazon Web Services, Microsoft Azure, Hadoop, SQL(MySQL)
- Programming : Java ,C, Python
- Web : HTML, CSS , Javascript , JSON
- Embedded Systems : ARM (Cortex M3/M4), Arduino/Galilio , e-health platform

Languages

- English, Fluent
- German, Good
- French, Beginner
- Spanish, Beginner
- Arabic, Native

Extracurricular activities / Leadership Positions

2017 – 2018

Microsoft Student Partner

2016 – 2017

Vice President , IET

2016 Current

Vice Chair, IEEE-KFUPM Student Chapter

Organizing and supervising programs held by IEEE-KFUPM chapter on & off campus

2016 – 2017

Game Leader, AWANA

Designing games and supervising children (ages 8 - 15) once every week

2017 / 2018

Team Leader , KFUPM Volunteering Day

Coordinating 42 college students in a one day task to plant 3000 cutting at Half Moon beach.

December 2015

Intel's Internet of Things Competition 1 st Runner Up

Lead 6-member team to design and conceptualize a new IoT product.

2015 / 2016

Construction Labor , Cedar Home Orphanage

A project that aims to accommodate 20 extra girls .

References

Tarek R Sheltami, PhD
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