



KHALID AL MUHAMMED

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Website: khalidalmuhammed.me

EXPERIENCE

CO-FOUNDER AND CTO

ZamaTime

2018 - Present

- Supervised the team of front-end web developers, back-end web developers, and app developers
- Managed the team of SAAT and GAT teachers
 - SAAT: An admission test that covers four basic subject areas: Biology, Chemistry, Physics, and Mathematics
 - GAT: General aptitude test
- Generated 135,000 USD in 2021
- Helped more than 1,800 students get high marks in both the SAAT and GAT tests

FOUNDER AND CEO

Gwen Robotics

2020 - Present

- Won 2nd place in the Ericsson Saudi Together Apart Hackathon out of more than 1,000 startups
- Invented artificial muscles independently at Johns Hopkins University, which are used to help people with paralysis and weak muscles
- Developed self-healing ionic hydrogels to increase the lifespan of artificial muscles and sensing the degree of bend
- Partnered with multiple universities and research institutions for research and development, including King Fahd University of Petroleum and Minerals (KFUPM), University of Jeddah, and King Abdulaziz and his Companions Foundation for Giftedness and Creativity (Mawhiba)

INTERN

Tomoooh Program by Saudi Aramco

2019 - Present

- Joined the Saudi Aramco Toastmasters
- Studied AP Chemistry, AP Physics1, AP Calculus BC, AP Biology that was offered by the program

TECHNICAL LEAD

Program Awareness Initiative (PAI)

2019 - 2021

- Developed the front-end and back-end of the website
- Connected more than 400 students with programs, competitions, and volunteering opportunities

EDUCATION

GPA: 99.86 / 100

Class Rank: 1

JHU Summer GPA: 4.0 / 4.0

VOLUNTEERING EXPERIENCE

CO-FOUNDER AND CEO

Al Khaleej Volunteering Team

2018 - Present

- Organized an event with more than 1,000 visitors in partnership with Saudi Aramco
- Organized initiatives with the Ministry of Environment Water & Agriculture to clean beaches, organize parks, and grow trees
- Raised awareness about cancer and obesity in partnership with the Ministry of Health
- Managed more than 2,000 volunteers in total
- Partnered with Ertiqā to refurbish and donate computers and computer accessories

LEADER

Ertiqā

2019 - Present

- Refurbished more than 700 computers and more than 2,000 monitors, keyboards, mice, and other computer accessories
- Donated all refurbished computers and computer accessories to academic and social institutions
- Managed over 50 volunteers

AWARDS / HONORS

GENIUS OLYMPIAD (SCIENCE)

Honorable Mention Award

MAWHIBA KANGAROO MATH COMPETITION

Bronze Medal out more than 37,000 competitors from Saudi Arabia

THE NATIONAL OLYMPIAD FOR SCIENTIFIC CREATIVITY (IBDAA)

Finalist and Won a Full School Scholarship out of more than 78,000 competitors from Saudi Arabia

ERICSSON KSA TOGETHER APART HACKATHON

2nd Place out of more than 1,000 startups

MAWHIBA GIFTED STUDENT

Placed among the 99th percentile in the Multiple-Cognitive Aptitude Test and among the top gifted students in Saudi Arabia

MAWHIBA SCHOOL PARTNERSHIP AND ADVANCED STEM CURRICULUM

Won a Full scholarship from King Abdulaziz and His Companions Foundations For Giftedness and creativity (Mawhiba) and studying an advanced STEM curriculum taught by one of the best teachers in Saudi Arabia

MISK DISTINCTIVE PROGRAM

1 of 200 selected students out of more than 10,000 applicants for American college prep & leadership development

MISK AMBASSADOR

Chosen by MiSK to be an ambassador

MAWHIBA AMBASSADOR

Won a full scholarship to study at Johns Hopkins University in the United States in summer 2022