

# **Mustafa Alkhamis**

Eastern, Saudi Arabia  
mustafajnajim@gmail.com +966536618764

## **Education**

**The University of Akron** — Akron, Ohio  
**Bachelor of Science:** Biomedical Science

August 2020

**The University of Akron** — Akron, Ohio  
**Minor:** Business Essentials for Engineers

August 2020

## **Relevant Coursework**

Biomaterials

Engineering Management and Leadership

Medical Histology

## **Academic Experience**

**Cell physiology lab** – Research proposal

- Developed a hypothesis on the effects of gene manipulation in *C.elegans*
- Incubated test populations on NGM agar plates and provided treatment
- Extracted protein and constructed a Western blot using a Rabbit antibody
- Collected data and analyzed using ANOVA test to determine results

**Foundations of physiology lab I** – Rat lab surgery

- Castrated albino rat labs and implanted silicone testosterone rods
- Monitored test subjects for 3 weeks then euthanized and extracted organs
- Obtained data from organ weights and analyzed using JMP software to determine results

## **Technical Skills**

MS Office   Pipetting   Suturing   PCR/qPCR   JMP

## **Soft Skills**

Time-management   Multitasking   Research & Analysis   Adaptability

## **Languages**

Fluent in Arabic / Proficient in English