

IJTIHED KILANI

[Personal Website](#) · [LinkedIn](#) · [ResearchGate](#) · [Github](#)

EDUCATION

Bachelor of Science (Technology), Computational Engineering
Aalto University, School of Engineering

August 2024 – Currently

SKILLS

Development Tools Visual Studio, Unity, Github Desktop, Pycharm, Git,
Languages Python, C#, Flutter (Dart) HTML, CSS, JS, C++ (Beginner)

EXPERIENCE

Research Assistant Dec 2022 - May 2024
King Abdulaziz University, *Biotechnology & Computational Genomics (Genetics Study)* Jeddah, Saudi Arabia

- Analyzed, visualized & interpreted (P-test) over 1000+ patient test results and contributed to writing and formatting for articles.
- Performed literature reviews, led the writing of 2 publications, and managed journal responses for publications.
- Mentored 5 junior team members, enhancing team productivity and research output.

Founder Jul 2023 - Aug 2023
Kilanos Studio, *Game & Software Development*

- Worked with 5+ developers and 6 different artists.
- Published 2 games, and 1 app, working on 2 more games and 2 more apps using C# and .NET (Unity for Game Development), and Flutter/Dart (For Software).

Selected Research Scholar Jul 2023 - Aug 2023
23rd Summer Research School in Mathematics and Informatics, *Computer Science & Applied Math*

- Led the writing and formatting of a preprint (Under Dr. Stanislav Harizanov) that applied informatics concepts to solve International Math Olympiad problems.
- Delivered compelling presentations on the research findings to a diverse academic audience of 30+ scholars, including PhDs.

PROJECTS

Maze Maverick Worked on & published a 3D recreation of "Pacman" with Unity's Native Editor, C# (.NET & Unity) and blender with another dev.

"The Holy Quran without Net" Supervised development & published Quran app (religious scripture) on Google play store with Flutter and Google Play Dev Console.

Personal Portfolio Used HTML, JS, & CSS to develop my own personal portfolio.

Most Circular Countries Created a original algorithm to calculate the most circular countries using online SHP files in Python (geopandas, matplotlib.pyplot & shapely).

Aqua Bot Using python (discord.py) in order to make a general purpose discord bot - Work in Progress.

Single Nucleotide Polymorphisms in HIF-1A, VEGFa, & VHL Genes Contributed to a review on genetic adaptations in high-altitude residents versus sea-level residents.

ACHIEVEMENTS

- World Robotics Olympiad; 2nd & 9th Place Nationally - 2022
- Supervised AI Olympiad participants; 1st & 2nd & 3rd Nationally (out of 280,000 students) - 2023