



# Mustafa Attallah

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ADVISOR/MENTOR: Dr. Kianfar  
SPONSOR/GRANT: Iraqi Government  
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## BIOGRAPHY

Mustafa, a 30-year-old from Iraq, has his BSc in civil engineering. He likes working on a team and believes that makes the work fun and smarter. He has been working so hard since finishing his undergraduate studies back in his home country to improve his technical knowledge. Mustafa believes the hard stages in his life have made him stronger, more consistent, and more ambitious. He plays soccer, basketball, volleyball, and pool. He loves traveling; exploring new places, new people and new food is something he seeks out in his free time.

## RESEARCH

Mustafa is working on his PhD in Civil Engineering, specializing in transportation engineering. He is using programming skills to improve the highways efficiency. Building predictive models is very beneficial by making the traffic centers able to detect the problems before they happen. For example, predicting accidents before they happen using the current traffic and weather conditions can help the traffic center and police department find solutions prior to the problem. That approach of ITS (intelligent transportation system) can be used to do other tasks like estimating the road closer or a highway condition. ITS is aiming to make roadways safer, more efficient and more user friendly.



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