

MAHMOUD ZAKY FETOH

Personal Data

NAME: Mahmoud Zaky Fetoh
ADDRESS: Tanta
github.com/zaky-fetoh

PHONE: +201022381474
EMAIL: zaky.fetoh@gmail.com
linkedin.com/in/mahmoud-zaky-fetoh

Objective

I am a junior MERN stack engineer passionate about solving a real-world problem, working and collaborate with a great Engineers that I can learn from. I have strong knowledge of algorithms and writing efficient and high performing code.

Education

2020-Present	Faculty of Computers and Information, Menoufia university , Egypt. M.Sc., doing computer vision research, Expected graduation 2023
2015-2019	Faculty of Computers and Information, Menoufia university , Egypt. B.Sc. Honors, I graduated with the Top, 1st, Grade, Excellent with honor GPA 3.5.

Work Experience

2020-Present	Demonstrator Faculty of Computers and Information, Menoufia university . Teaching Deep Learning, Computer Vision Courses and Speech recognition.
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Scientific Education

01/2018	DOCTORATE DEGREE, Dr. rer. nat. University of Jena Grade: summa cum laude
08/2013-06/2017	PhD student at University of Jena
12/2012	DIPLOMA IN BIOINFORMATICS University of Jena Grade: 1.4
10/2007-12/2012	Studies of Bioinformatics at University of Jena

Ten Publications

P. Möbius, G. Nordsiek, **M. Hölzer**, M. Jarek, M. Marz, and H. Köhler. Complete Genome Sequence of JII-1961, a Bovine *Mycobacterium avium* subsp. *paratuberculosis* Field Isolate from Germany. *Genome Announc.* 5(34), 2017.

J. Fuchs, **M. Hölzer**, M.Schilling, C. Patzina, A. Schoen, T. Hoenen, G. Zimmer, M. Marz, F. Weber, M. A. Müller, and G. Kochs. Evolution and Antiviral Specificities of Interferon-Induced Mx Proteins of Bats against Ebola, Influenza, and Other RNA Viruses. *J Virol.* 12; 91(15), 2017.

M. Hölzer, V. Krähling, F. Amman, E. Barth, S. H. Bernhart, V. A. O. Carmelo, M. Collatz, G. Dose, F. Eggenhofer, J. Ewald, J. Fallmann, L. M. Feldhahn, M. Fricke, J. Gebauer, A. J. Gruber, F. Hufsky, H. Indrischek, S. Kanton, J. Linde, N. M. Berrospi, R. Ochsenreiter, K. Rieger, L. Rivarola-Duarte, A. H. Sahyoun, S. J. Saunders, S. E. Seemann, A. Tanzer, B. Vogel, S. Wehner, M. T. Wolfinger, R. Backofen, J. Gorodkin, I. Grosse, I. Hofacker, S. Hoffmann, C. Kaleta, P. F. Stadler, S. Becker, and M. Marz. Differential transcriptional responses to Ebola and Marburg virus infection in bat and human cells. *Scientific reports* 6:34589, 2016.

A. H. Sahyoun, **M. Hölzer**, F. Jühling, C. Höner Zu Siederdissen, M. Al-Arab, K. Tout, M. Marz, M. Middendorf, P. F. Stadler, and M. Bernt. Towards a comprehensive picture of alloacceptor tRNA remodeling in metazoan mitochondrial genomes. *Nucleic Acids Res.* 43(16):8044-8056, 2015.