

MAZDAK SALAVATI

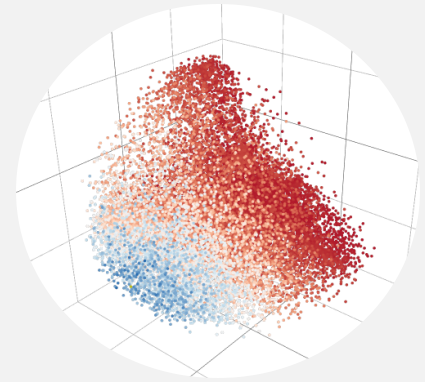
DVM PhD AFHEA (He/Him)

EDUCATION

- 2010 • **Veterinary Medicine Faculty of University of Tehran**
Doctor of Veterinary Medicine, University of Tehran 📍 Tehran, Iran
- 2013 • **University of Bedfordshire**
PhD in Biomedical Sciences, University of Bedfordshire
📍 Luton, United Kingdom
- Thesis: Studies on in vitro maturation of dog oocytes to improve maturation rate and development potentials
- 2016 • **University College Dublin**
Professional certificate in Bioinformatics for Veterinary & Animal Scientists, University College Dublin
📍 Dublin, Ireland
- 2017 • **Higher Education Academy**
Associate Fellow of Higher Education Academy (#PR134243), United Kingdom
📍 London, United Kingdom

WORK EXPERIENCE

- 2013 | 2018 • **Postdoctoral Researcher**
Postdoctoral researcher at The Royal Veterinary College, University of London
📍 London, United Kingdom
- Pototyped an *ex vivo* culture system of superficial digital flexor tendon tissue heat stress induction for proteomic studies. Developed image analysis pipeline with macro batch scripting in FIJI/ImageJ for IHC and ICC images. (BBSRC UKRI funded project 2013-2015)
 - RNA-Seq sample processing (extraction, QC and PCR preps) and bioinformatics analysis of all the RNA samples captured as part of Genotype Plus Environment consortium (<http://www.gpluse.eu/>) in collaboration with University of Liege, GIGA Institute (EU FP7 funded project 2015-2018)



Contact info

✉ mazdak.salavati@gmail.com
🐙 github.com/MazdaX
🐦 twitter.com/MazdakS
in [linkedin.com/in/mazdaks](https://www.linkedin.com/in/mazdaks)
ID 0000-0002-7349-2451

Skills

Experienced in Bioinformatics and Genomics data analysis using high performance and cloud computing platforms.

Cross Disciplinary engagement and Data Science Consultancy within Life Bio Sciences Sector.

Research Software Development using R, UNIX/Bash, Git and Python.

2018
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Present

Core Scientist

Research Fellow in Genetics and Genomics, The Roslin Institute and R(D)SVS, University of Edinburgh

📍 Edinburgh, United Kingdom

- Core bioinformatician for the Ruminant Functional Genomics Lab (<https://www.ed.ac.uk/roslin/ruminant-functional-genomics>)
- nf-CAGE pipeline development and maintenance (<https://github.com/MazdaX/nf-cage>) for the BovReg consortium (<https://www.bovreg.eu>)
- Working with multiple programmes within the Centre for Tropical Livestock Genetics and Health (<https://www.ctlgh.org/>)
- Member of Functional Annotation of Animal Genomes (FAANG)
- Contributor to VarGoats (<http://www.goatgenome.org/vargoats.html>) and International Sheep Genomics initiatives (<https://www.sheephapmap.org/>)
- Co-organiser of the FAANG-CompGen task force (Comparative Genomics and Assemblies) (<https://www.animalgenome.org/community/FAANG/tf?name=FAANGCompGen>)

2020
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Present

Industry Consultant

Data Science consultant at Wyoming Interactive, Edinburgh, UK (USA)

📍 Edinburgh, United Kingdom



PLACEMENT EXPERIENCE

2020 Jan
|
2020 March

Data Analyst and Data Engineering sabbatical

Flexible Talent Mobility Award (BBSRC/UKRI) grantee at Wyoming Interactive, Edinburgh UK

📍 Edinburgh, United Kingdom

- Developed multiple dashboards and deployed web apps (Shiny and Plotly).
- Prototyped predictive modelling and forecasting modules for a Waste Water Plant company (AutoRegression and MACD).
- Engaged with client facing sessions to communicate analytical results and developed decision making tools.



REVIEW PANEL MEMBERSHIPS

For detailed records please refer to :

- <https://publons.com/researcher/346934/mazdak-salavati>

📍 United Kingdom

2012 - Present



PUBLICATIONS

For detailed records please refer to :

- <https://www.research.ed.ac.uk/en/persons/mazdak-salavati>
- <https://www.scopus.com/authid/detail.uri?authorId=55447194100>

📍 United Kingdom

2012 - Present