Mostafa Hejazi

+98 (912) 775 2230
semhejazi@gmail.com
www.semhejazi.github.io
semhejazi

Research Interests

Signal and Image processing (for medical applications), Machine Learning and Deep Learning, Computer Vision.

Educational Record

2016–2017 **M.Sc. in Electrical & Electronics Engineering**, *The University of Sheffield*, Sheffield, UK.
Thesis: Phase Analysis for Motion Description in Video

2012–2015 **M.Sc. in Electronics Engineering**, *Shahid Chamran University of Ahwaz*, Ahwaz, Iran.
Thesis: Optimization of Digital Decimation Filter for Complex Sigma-Delta Data Converters

2004–2009 **B.Sc. in Electronics Engineering**, *Shahid Chamran University of Ahwaz*, Ahwaz, Iran.
Final Project: Design and Implementation of a micro PLC

Further Education

2020 **Deep Learning Specialization**, *Deeplearning.ai, Coursera.*
Taught by Andrew Ng, Adjunct professor at Stanford University.

2020 **Machine Learning**, *Stanford University, Coursera.*
Taught by Andrew Ng, Adjunct professor at Stanford University.

Experiences

2019– **Senior Software Developer**, *Manshoor Rayaneh*, Ahwaz, Iran.

2018–2019 **Entrepreneur**, *The University of Sheffield*, Sheffield, UK.

2017–2018 **Data & Image Analyst**, *Computational Imaging & Simulation Technologies in Biomedicine*, Sheffield, UK.

2011–2016 **Software Developer**, *Freelance*, Ahwaz, Iran.

2009–2011 **Electronics & Automation Engineer**, *Iran National Steel Industrial Group*, Ahwaz, Iran.

Publications

- **Hejazi S.**, Abhayaratne C., Handcrafted Localized Phase Features for Human Action Recognition, *Image and Vision Computing Journal*, Accepted 2022;
- Lassila T., Sarrami-Foroushani A., **Hejazi S.**, Frangi A. F., Population-Specific Modelling of Between/Within-Subject Flow Variability in the Carotid Arteries of the Elederly, *International Journal of Numerical Methods in Biomedical Engineering*, 2020;
- Sarrami-Foroushani A., Lassila T., **Hejazi S.**, Nagaraja S., Bacon A., Frangi A. F., A Computational Model for Prediction of Clot Platelet Content in Flow-diverted Intracranial Aneurysms, *Journal of Biomechanics*, 2019;
- Sarrami-Foroushani A., Nagaraja S., Lassila T., **Hejazi S.**, Bacon A., Frangi A. F., In-silico Flow Diversion in Intracranial Aneurysms: Computational Prediction of Clot Platelet Content, *British Neurosurgical Research Group Meeting*, March 2018, Sheffield, United Kingdom.

References

References are available upon request.