Academic Curriculum Vitae

Personal Information:

Full Name: Polla Fattah
Academic Title: Lecturer
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Mobile: 0750 4463750

Education:

- **PhD: Data Mining and Machine Learning**
  Dissertation: Optimizing Rule-based Classification According to Items' Behaviour in Temporal Data
  Awarding Body: Compute Science, University of Nottingham.
  Study Years: 2012-2018.
- **IT: Linux Server Administration**
  Final Project: Crating virtual servers that are essential for running a university
  Awarding Body: Computer Science (Informatik), Technical University of Berlin.
  Study Years: 2010-2010.
- **MSc: Information Technology**
  Thesis: Design and Implementation of a Proposed Technique for Association Rule Mining
  Awarding Body: Electrical Engineering Dept, Salahaddin University-Erbil.
  Study Years: 2000-2008.
- **BSc: Software Engineering**
  Graduation Project: Kurdish Chat server/Client using Java
  Awarding Body: Software Engineering Dept., Salahaddin University-Erbil.
  Study Years: 2000-2004.
- **Diploma: Scientific Studies**
  Major: Scientific Studies
  Awarding Body: Kurdistan High School–Hawler.
  Study Years: 1996-2000.

Employment:

- 2018-Now: Lecturer at Salahaddin University-Erbil
- 2018-2020: Visiting Lecturer at Tishk International University
- 2018-2020: Visiting Lecturer at University of Kurdistan Hewlêr
- 2012-2016: Teaching Assistant at University of Nottingham
- 2009-2010: Visiting Lecturer at Koya University
- 2009-2012: Assistant Lecturer at Salahaddin University-Erbil
- 2004-2006: Software Engineer at Salahaddin University-Erbil

Qualifications

- Member of Scientific Committee.
- Member of Disciplinary Committee.
- Head of Examination Committee.
- Head of QA.
- Publication.
- Research.
- Supervision
- Teaching.

Teaching experience:

- **Advance Database(2018-Current):** Salahaddin University-Erbil, Software Engineering Dept.
- **Advance Programming(2019-Current):** Salahaddin University-Erbil, Software Engineering Dept.
- **Advanced Database(2018-Current):** Salahaddin University-Erbil, Software Engineering Dept.
- **Data Mining(2020):** Salahaddin University-Erbil, Software Engineering Dept.
- **Engineering Analysis(2019):** Salahaddin University-Erbil, Software Engineering Dept.
- **Data Structure(2019-2020):** Salahaddin University-Erbil, Software Engineering Dept.
- **Distributed Systems(2019):** Tishk International University, Department of Computer Engineering
- **HCI(2019):** University of Kurdistan - Hawler, Computer Engineering Dept.
- **Database(2009-2012):** Salahaddin University-Erbil, Software Engineering Dept.
- **Linux(2018-2019):** Tishk International University, Computer Science Dept.
- **Artificial Intelligence(2018):** Tishk International University, Computer Engineering Dept
- **Operating Systems(2019):** Koya University, Computer Engineering Dept.
- **Computer Vision(2018-2020):** University of Kurdistan Hewlêr, Computer Engineering Dept.
- **Internet Technology(2009-2011):** Koya University, Computer Engineering Dept.

Research and publications

- Rebin M. Ahmed, Tarik A. Rashid, Polla Fattah, Abeer Alsadoon, Nebojsa Bacanin, Seyedali Mirjalili , S. Vimal, Amit Chhabra; `Kurdish Handwritten character recognition using deep learning techniques`; Gene Expression Patterns; 2022-12-01
- Rebin Ahmed, Tarik Rashid, Polla Fatah, Abeer Alsadoon, Seyedali Mirjaliligh; `An Extensive Dataset of Handwritten Central Kurdish Isolated Characters`; Data in Brief; 2021-12-01
- Danial A. Muhammed, Tarik A. Rashid, Abeer Alsadoon, Nebojsa Bacanin, Polla Fattah, Mokhtar Mohammadi and Indradip Banerjee; `An Improved Simulation Model for Pedestrian Crowd Evacuation`; MDPI; 2020-12-01
- Chnoor M Rahman, Tarik A Rashid, Abeer Alsadoon, Nebojsa Bacanin, Polla Fattah; `A Survey on Dragonfly Algorithm and Its Applications in Engineering`; Evolutionary Intelligence; 2020-02-19
- Ahmed S Shamsaldin, Polla Fattah, Tarik A Rashid, Nawzad K Al-Salihi; `A study of the convolutional neural networks applications`; 2019-01-01
- Agha, Rawan A. Al Rashid, Muhammed N. Sefer, and Polla Fattah; `A Comprehensive Study on Sign Languages Recognition Systems Using (SVM, KNN, CNN and ANN)`;
- Ari M. Saeed, Tarik A. Rashid, Arazo M. Mustafa, Polla Fattah, Birzo Ismaels; `Improving Kurdish Web Mining through Tree Data Structure and Porter' Stemmer Algorithms`; UKH Journal of Science and Engineering; 2018-06-30
- Tarik Rashid, Polla Fattah , Delan K. Awla; `Using accuracy measure for improving the training of LSTM with metaheuristic algorithms`; Procedia Computer Science; 2018-01-01
- Polla Fattah, Uwe Aickelin, Christian Wagner; `Measuring behavioural change of players in public goods game`; 2016-09-21
- Polla Fattah, Uwe Aickelin, Christian Wagner; `Optimising Rule-Based Classification in Temporal Data`; ZANCO Journal of Pure and Applied Sciences; 2016-07-20
- Ari M Saeed, Tarik A Rashid, Arazo M Mustafa, Polla Fattah, Birzo Ismael; `Improving Kurdish Web Mining through Tree Data Structure and Porter's Stemmer Algorithms`; UKH Journal of Science and Engineering; 48-54; 2016-01-01
- Polla Fatah, Ibrahim Hamarash; `Optimization of Association Rule Mining`; Internet Technologies and Applications (ITA); 2015-09-08
- Ihab Ahmed Najm, Nayif Mohammed Hammash, Mahamod Ismail, Polla Fatah; `Web Based Application Visualization for Comprehensive Data Structures`; Journal of Theoretical and Applied Information Technology; 2015-07-20
- Polla Fattah; `Measuring Micro Changes over Time in Clustering`; IMA Group Annual Seminar; 2014-12-12
- Fattah, Polla, Uwe Aickelin, and Christian Wagner; `Clustering Human Behaviour in Public Good Experiment`; 2013-09-23

Funding and academic awards

- **2022:** Thanks Letter from Ministry of Higher Education and Scientific Research for accomplishments in a committee for investigating the preparation of Gasha institute for establishing a new department for computer science.
- **2022:** Appreciation Letter from the president of Salahaddin University-Erbil for excellence in teaching and research activities.
- **2021:** Appreciation Certificate from the Minister of Higher Education, KRG for excellence of work in multiple committees at the ministry.
- **2021:** Appreciation Letter from the Dean of the Engineering College for excellence in teaching and research activities.
- **2020:** Thanks Letter from the president of Salahaddin University-Erbil for successful online teaching
- **2020:** Appreciation Letter from the Minister of Higher Education, for continuing the work of the University at the Corona times
- **2019:** Appreciation Letter from the president of Salahaddin University-Erbil for excellence teaching and research at the University
- **2015:** Appreciation Letter from the former Minister of Higher Education, KRG for successful managing of the Nottingham University's Kurdish Conference
- **2012:** Appreciation Certificate for Excellence at administrating the Salahaddin University-Erbil's website and IT infrastructure.
- **2012:** KRG's scholarship award for PhD degree.
- **2010:** Grant for Training in IT Administration at TU Berlin
- **2006:** Study abroad scholarship at the University of Uppsala
- **2005:** Ranked second on BSc Graduate competition at the level of the Salahaddin University-Erbil

Professional Membership

- Kurdistan Engineering Syndicate

Professional Social Network Accounts:

https://orcid.org/0000-0001-8027-3540
https://github.com/polla-fattah
https://x.com/FattahPolla
https://www.facebook.com/pollafattah
https://www.researchgate.net/profile/Polla-Fattah
https://www.linkedin.com/in/polla-fattah-57617b23/