**Personal Information:**

**Name:** Polla A. Fattah

**Address:** 32 Park Sarbasty, Erbil.

**Mobile:** +964 (0)750 446 3750

**Email:** polla.fattah@gmail.com

**Technical Experiences:**

* Project Design Using Action flows, Data flows, ER Diagrams.
* Project Management using different agile methods such as canban and scrum.
* Linux Administration, Routing, Firewalls and Network Monitoring.
* Networking management using Cisco products.
* Data Mining using R, Weka and Python.
* Database Systems using (MySQL, SQL Server, Oracle).
* Web Based Applications using GWT, Laravel, Vue, JavaScript, JQuery, HTML, CSS.
* Modelling: AnyLogic, R, Matlab.
* Programming Language C++, Java, PHP, JavaScript, Python, Bash, VB.

**Previous Jobs:**

**2018–Now:** Software and IT Consultant.

**2013–2017:** Part time IT consultant and leading developer. (Online)

**2012-2017**: Part time teaching assistant at a university.

**2010–2012:** Linux Administrator for an internet provider company.

**2007–2009:** IT Manager at a software Company.

**2006–2007:** Leading Software Engineer.

**2004–2005:** Engineer at a University.

**Education:**

**2012-2017:** PhD Student at School of computer science in Nottingham University Thesis title “*Optimizing Rule-based Classification According to Items’ Behaviour in Temporal Data*”.

**2010-2011:** IT Administration titled as “Using Open Source Linux Operating system to build eGovernment services” at the Technical University of Berlin.

**2006**-**2008:** MSc degree of ICT in Salahaddin University-Erbil. Dissertation Title “*Design and Implementation of a Proposed Technique for Association Rule Mining*”.

**2000**-**2004:** BSc in Software Engineering, Salahaddin University-Erbil.

**1996**-**2000:** Graduated from Kurdistan High School – Hawler.

**Honours and Awards:**

**2012:** KRG’s scholarship award for PhD degree.

**2012:** Appreciation certificate from Salahaddin University-Erbil for excellence at administrating the university’s website and IT infrastructure.

**2010:** German’s ZiiK grant for finishing IT Administration at TU Berlin.

**2006:** Uppsala University Scholarship for MSc degree.

**2005:** Ranked as second in the College of Engineering Salahaddin University for the graduation year 2004-2005.

**Publications:**

Rashid T., Fattah P., Awla D., 2018. Using Accuracy Measure for Improving the Training of LSTM with Metaheuristic Algorithms. Cyber Physical Systems and Deep Learning Chicago, Illinois.

Mohammed A., Rashid T., Mustafa A., Fattah P., Ismael B., 2018. Improving Kurdish Web Mining through Tree Data Structure and Porter’s Stemmer Algorithms. UKH Journal of Science and Engineering, 2(1), 48-54.

Fattah, P., Aickelin, U., and Wagner, C., 2017. Measuring Behavioural Change of Players in Public Goods Game. In Lecture Notes in Networks and Systems (Vol. 15).

Fattah, P., Aickelin, U., Wagner, C., 2016. Optimising Rule-Based Classification in Temporal Data. Zanco J. Pure Appl. Sci. 28, 135-146.

Fattah, P., Aickelin, U., Wagner, C., 2016. Optimising Rule-Based Classification in Temporal Data. In: 1st International Conference on Engineering and Innovative Technology. Salahaddin University-Erbil, Erbil, Kurdistan.

Fattah, P., Aickelin, U., Wagner, C., 2016. Measuring Player's Behaviour Change over Time in Public Goods Game. In: SAI Intelligent Systems. London, UK, pp. 637-643.

Fatah, P., Hamarash, I., 2015. Optimization of association rule mining A twostep breakdown variation of Appriori algorithm. In: Internet Technologies and Applications (ITA), 2015. IEEE, pp. 275-280.

Fattah, P., Aickelin, U., Wagner, C., 2014. Measuring Change of Human Behaviour in Public Good Experiment. In: Kurdistan Students Conference - 2014. Nottingham (Poster).

Fattah, P., Aickelin, U., Wagner, C., 2013. Clustering Human Behaviour in Public Good Experiments. In: IMA 2013. Nottingham.

**Previous Projects:**

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| **Jun-2020** | Supervise the Quality of Services of the Notary system of the KRG |
| **Apr-2020** | Manage a development team Create an application for facilitating online deliveries. |
| **Jul-2019** | Lead a development team to create a web app to manage clinics. |
| **May-2018** | Supervise a project for university staff management system |
| **Sep-2017** | Create a framework to compare different methods of deep learning for classification. |
| **Jul-2016** | Leading a team for creating an AI method for playing Dots-and-Boxes game |
| **Apr-2016** | Leading a team of developers to create a simulation for fish in a tank using openGL. |
| **Jan-2016** | Create a media player for Android using Java. |
| **Nov-2015** | Manage a team of developers at Nottingham to Implement a game using Python. |
| **Oct-2014** | Design and implement Salahaddin University-Hawler website. |
| **Jun 2014** | Design and implement a novel algorithm to classify items behaviour over time. |
| **Dec 2013** | Design and implement an algorithm to measure change of items behaviour over time. |
| **Jun-2014** | Propose a novel algorithm to classify items in temporal data. |
| **Dec-2013** | Propose an algorithm to measure changes of items behaviour over time. |
| **Jul-2012** | Develop a video management web based system for 7netlayers company. |
| **Mar-2012** | Install and admin multiple Linux based servers for 7netlayers company. |
| **Dec-2011** | Design salary management database for Engineering College at Salahaddin University |
| **Sep-2011** | Building a website for Salahaddin University-Erbil’s fourth conference. |
| **Jul-2011** | Design and manage an internal network infrastructure and website for Electrical Engineering Dept. at Salahaddin University-Erbil. |
| **Oct-2010** | Create a web-based interface for linux commands using GWT. |
| **Apr-2010** | Design a web based patient record database for Iskan clinic. |
| **Feb-2009** | Design and implement a website for ‘Kurdistan Chemists Syndicate’. |
| **Jun-2008** | Design and implement a website for SRS Consortium. |
| **May-2008** | Design web based database system for “Shaqlawa Hotel”. |
| **Apr-2007** | Design and implement the website of Ministry of Higher Education. |
| **Jan-2007** | Design and implement the website of Ministry of Culture in Kurdistan. |
| **Nov-2006** | Create web based selling centre database for Korek Telecom. |
| **Jul-2005** | Design and implement babil.info news website. |
| **Nov-2004** | Design and implement a web based application for Software Dept. at Salahaddin University. |
| **Jul-2004** | Design and implement a chat application as final year project. |

**Languages:**

Kurdish: Native.

English: Very good

Arabic: Very good

Turkmen: Good