
Shamim Hussain

Kreuzberggring 4A,Goettingen ,37075 Germany

Contact: + 49 171 7038046

Email: shamim.hussain@stud.uni-goettingen.de

Education

MS Applied Computer Science

Georg August Universitat Goettingen, Germany

(June 2019)

Faculty of Mathematics and Computer Science

Major Courses: Software Requirement Engineering, Data Science and Big Data analytics ,Machine intelligence, Advance computer Networks, Introduction to Blockchain Technology , Service computing, Parallel Computing ,Semi structure database and Xml

BS Computer Science

Foundation University Islamabad(FUI), Rawalpindi, Pakistan *(September,2018)*

Department of Computer Science

Major Courses: Artificial intelligence, Data Sciences, Data security and Encryption, Distributed Computing, Intro to Soft Computing ,Web Engineering ,Computer Communication Networks,Introduction to Database systems

BS Final Year Project:

Intelligent Disease and Medicine Profiling System(IDAPS) by developing a website based on PHP,Javascript ,HTML,CSS and DOM library.The aim of this project is to develop a website on which a user can subscribe a detail information about any diseases ,User can get recommendation of medicine particular to based on ranking of medicine,User can even get helpful stuff like book for that particular disease.There is also a developed community platform in our system for user to interact with each other and share experience related to different diseases

Technical Skills/Tools

Java SE, J2EE(Servlets, JSP ,JSF, Java Beans, JDBC, Hibernate) ,Python , Sklearn , Pandas, PHP 5.0 & 7.0,JavaScript,HTML,CSS,XML MySQL, SQL Server, Dockers C#

Work Experience

Website Developer, IVDK(UMG), Goettingen (*October 2019 –April 2020t*)

Worked as a Student Assistant at IVDK in Information Technology department. Responsibilities Included:

- ☐ Developed most effective technical solutions to meet the user requirements
- ☐ Responsibilities included developing some new features for already built website for Dermatologist learning and practice
- ☐ Maintenance and optimization of website
- ☐ Troubleshoot problems with PHP.
- ☐ Refactoring and Change management in already built system
- ☐ Develop back-end web services in PHP 5.0
- ☐ Work on normalisation of Database and create some changes with already built MYSQL DB

Semester Projects:

Data Science and Big Data analytics

- Develop Machine Learning algorithm for text mining and data mining.
- Performed Text Preprocessing (TF-IDF).
- Implement feature extraction
- Goal is to create a model for automated issue type classification
- A recommendation of how the model can be used
- The model is applied to 30 projects from MangoDB ,which is considered as for training data
- Used matplotlib ,Pycharm,pandas,numpy

Software Requirement Engineering

- Gathering of requirements from stakeholder
- Use different techniques of gathering requirements(Interviews,questionnaires)
- Creation of SRS (UML diagrams)

Web Engineering

Teacher Evaluation system

- Built a website based on J2EE for evaluation of teachers from students at the end of semester
- It is basically online system where student login with their university email address and give feedback about lecturers who taught them.
- At the end of survey there is graphical display generated which summarize all students feedback for lecturer in Bar chart and Pie chart form.

References:

Ronald Arnold

Role: Medical Computer Scientist

Address: IVDK Institut an der Universitätsmedizin Göttingen (UMG) Geiststraße 3 | 37073 Göttingen |

Phone: +49 551 201 97 780

Email: rarnold@gwdg.de |