

ZAHID MEHMOOD

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Education

Nankai University (88%)

Masters, Software Engineering

Tianjin, China

Sep 2017 – July 2019

Islamia University Bahawalpur (3.54/4.00)

Bachelors, Computer Science

Bahawalpur, Pakistan

Mar 2011 – May 2015

Experience

University of Engineering and Technology

Lahore, Pakistan

UET Lahore is a public university located in Lahore, Punjab, Pakistan specializing in science, technology, engineering and mathematics (STEM) subjects. It is the oldest and one of the most selective engineering institutions in Pakistan.

Research Officer (Jan 2020 – Currently Working)

- *Team Work:* Collaborating with team of 14, including supervisor, developers and QA team.
- *Technical Skills:* Working on LMS of UET, Punjab, CECOS and IIU universities, odoo8.
- *Skills development:* Learned and utilize odoo8, odoo13, postgres, Python, Jasper Server, SVN.

UBTECH ROBOTICS

Shenzhen, China

A global high-tech enterprise, integrating artificial intelligence and humanoid robot development, platform software development and application and product sales.

Internee (Jan 2018 – Feb 2018)

- *Team Work:* Collaborated with 4 team members to program robots for firefighting and daily tasks.
- *Technical Skills:* Learned how to program robot using Python and C++ (uKit programming).
- *Skills development:* Learned humanoid robots circuit, mechanical structure and hardware and software framework.

GOURMET PAKISTAN

Lahore, Pakistan

An International food and beverages production company with outlets and production units in Pakistan and UK.

Software Engineer: (January 2016 – July 2017)

- *Team Work:* Coordinated with 15 team members to develop the ERP system of Gourmet within 6 months using Asp.Net (MVC) and Cloud SQL Server.
- *Hard Working:* Worked extra hours to achieve tight deadlines.
- *Creativity:* Designed and Maintain Cloud Database of almost 350 GB, overcame challenges like conflicts handling, high throughput, consistency and availability of updated and relevant data.
- *Business Communication:* Collaborated with direct users to resolve issues.

SOFTWARE TECHNOLOGIES

Multan, Pakistan

An International software solution provider company, majorly providing solutions to the hotels and restaurants.

Junior Software Engineer: (January 2015 – December 2015)

- *Quick Learning:* Learned, in 3 months, how to design and develop enterprise level software's using N-Tier Architecture with C#.Net and SQL Server.
- *Critical Thinking:* Spoke with customers for resolving issues and developing new modules.

Academic Activities

DEVICE AGNOSTIC LOG ANOMALY DETECTION FOR NETWORK DEVICES

NKU, Tianjin, China

This research aims to detect anomalies in network devices like switches and routers and leverages, python based, semi-supervised machine learning algorithms, which ease the lives of network administrators.

Researcher: Jan 2019 – June 2019

- *Effective study Skills:* Examined and implemented PU-Learning algorithm for detecting whether a network device is anomalous, if yes, plays a crucial role in troubleshooting.

INTELLIGENT FEE MANAGEMENT SYSTEM

IUB, Pakistan

This project aims to facilitate the Educational Institutes make efforts to decrease processing time and minimize the cost and waiting queues.

Researcher and Developer: December 2014 – March 2015

- *Effective study Skills:* Modeled features like Students portfolio, Financial Aid management, predict the upcoming semester fee, generation, and printing of dynamic fee vouchers, adding entries back

into the system, monthly and annually fee sheet, annual income and expense analysis for management and promotion of the student to next semester or class.

Honors and Awards

- *Winner*: Rewarded with 1st prize of 1500 yuan among 40 students for the best winter internship summary, Nankai University, China (2018).
- *Winner*: Received fully funded scholarship for Master studies, China (2017-2019).
- *Achiever*: Awarded a merit-based Laptop from Chief Minister, Pakistan (2013).

Additional

- *Expertise*: Worked on several semester projects including seam carving in image processing using python, university website using Joomla, call blocking android app using open source software and several small projects using python, C++ and php.
- *Skills*: Machine Learning, Python, Odoo8, odoo13, C++, C#/Asp.Net (MVC), SQL, POSTGRES, Micro Services, Windows Services, HTML5, CSS3, JavaScript, Ajax, Joomla, WordPress, Design Patterns.
- *Learning in Process*: NodeJS, AngularJS, .Net Core, Data Science.
- *Interests*: Reading, Cricket, Traveling.

Volunteers

- *Leadership*: Collaborated with a team of 3 members and Raise 100,000 Rupees fund for the flood victims (Aug 2014).
- *Quick Learning*: Attended 1-week workshop on Python Udemy organized by IEEE team (Oct 2014).
- *Skills Development*: Attended 2 days' workshop on Rational Rose UML Rapid Software Development organized by IEEE team (Jan 2015).