Sher Khan

▬ Personal Information

Date of Birth	*Sep 4th, 1991*
Address	R403, UM International House, Section 17, Petaling Jaya
Mobile	017-6635447
Email	sher9khan@gmail.com
Github	www.github.com/sherkhan91

▬ Education

2016–2018 **Masters Degree in Computer Science, specialization in Artificial Intelligence,** *Faculty of Computer Science and IT,* University of Malaya, Kuala Lumpur, Malaysia
CGPA 3.81/4.00

2011–2015 **Bachelor Degree in Software Engineering** *Faculty of Computer Science* Isra University Hyderabad, Pakistan
CGPA 3.01/4.00

▬ Scholarship

2011–2015 Scholarship for undergraduate students with outstanding academic performance, 50% tuition fee waiver.

▬ Projects

2016–2018 **WiFi based Indoor Localization:** Design and implemented an RSSI based WiFi indoor localization using trilateration and fingerprinting method. System was developed in python and mySQL.

- **Image Classification with Neural Network:** Deep neural network was used to extract features and logistic regression is trained to classify images into 4-classes.
- **Facebook Comment and Status Classifier:** a Naive Bayes Classifier is trained on IMDB dataset to classify comments and status of user into different emotion classes.
- **Game Programming in Native Java:** Projectile motion based two player bowman graphical game was designed and developed in Java.
- **Heat Sink Pin-Fin Numerical Modeling:** A numerical model of pin-fin was developed in MATLAB to simulate heat transfer. Runge-Kutta and Euler, numerical methods were used for programming.
- **Boltzmann Machines used for solving simultaneous equations and N-Queen problems:** Boltzmann machines were used solve constrained based problems.

2014–2015 **SMS Notifier: Moodle Plugin for Sending Messages** A moodle plugin was developed in PHP and JavaScript to send SMS message using an API.

▬ Skills and Interests

Programming Skills: C++, Java, Python, mySQL, PHP ,MATLAB, LATEX
Computer Skills: Ubuntu, Windows, Github, Eclipse, PyCharm, OpenWRT
Language Skills: English(IELTS 6.0), URDU(Mother Tongue), Bahasa Melayu(Basic)
Interest and Hobbies: Traveling, Teaching, Technology, Open-Source