

Abdullah Shamail

Email: 20100024@lums.edu.pk,
abdullahshamail@yahoo.com

Phone: (+92) 307 4217976

Education

2016-2020 Bachelor of Science in Computer Science
Lahore University of Management Sciences (LUMS), Lahore, Pakistan CGPA: 3.47/4.00
Dean's Honour List Fall 2016, Fall 2018 and Spring 2019

Senior Project

2019 - 2020 | Authorship Attribution and Obfuscation (Team)
Advisor: [Dr. Muhammad Fareed Zaffar \(Asst. Prof. LUMS\)](#)
Research Project in Security and Machine Learning
Used CNN for classifying the code files.
Currently working on robust attribution and subsequent techniques for obfuscation without changing semantics.

Course Projects

Fall 2019 | Therapy for Sexual Abuse Victims (Team)
Course: Human Computer Interaction
A research project that requires finding technological solutions to the lack of rehabilitative resources available to victims of sexual abuse, mainly women.

Spring 2019 | Convolutional Neural Networks (Individual)
Course: Deep Learning
Trained and Tested Generative Adversarial Networks, Autoencoders, Recurrent Neural Networks using different datasets.

Fall 2018 | Estimating the target-reach-date of Diemer Bhasha Dam Fund (Individual)
Course: Principles and Techniques of Data Science
Studied patterns in current donations to estimate the time to reach the target amount required for construction of the dam.

Fall 2018 | Election Record Management System (Team)
Course: Databases
A MYSQL Database with its own API and a web application to be used by the administrator to add, remove and update records into fields and run custom SQL queries.

Spring 2018 | C++ Compiler Imitator (Individual)
Course: Theory of Automata
Used python libraries to create a lexer, a parser and an interpreter .

Work Experience

Fall 2019 | **Teaching Assistant at LUMS**
CS 210: Discrete Mathematics
Instructor: Dr. ImdadUllah Khan

Fall 2018, Spring 2019 | CS 100: Computational Problem Solving (Head TA)
Instructor: Zaid Saeed Khan

Summer 2018 | **Internship**
Software Developer, [Taar Consulting](#)
Developed a Customer Feedback Application for Retail Pro Prism - a Point of Sale Software.
Using an existing API, the application was designed to run in parallel with the sales transaction.

Skills and Tools

Tools	Git, L ^A T _E X, MATLAB, MS Office
Languages	Python, C/C++, Javascript, PHP, Haskell, GoLang, Java, SQL, HTML/CSS

Relevant Courses

Computer Systems, Operating Systems, Privacy in the Digital Age, Network Centric Programming, Data Science, Deep Learning, Artificial Intelligence, Databases, Computer Vision, Human Computer Interaction (HCI), Algorithms, Data Structures, Advanced Programming

Extracurricular Activities and Interests

	Society Work at LUMS
2018-2020	Vice President & Director Events: INDEX, Design Society at LUMS
2019	Founding Member and Event Convener of the first ever Design Innovation Event: Inova 2019
2018	Founding Member of Organizing Committee: National Design Awards at LUMS
2017	Founding Member of Organizing Committee: UX Pakistan International Conference
	Activities in High School (Lahore Grammar School, Paragon)
2016-2017	Captain: School Football Team
2015	Director: Sports Olympiad that hosted 1300 participants from all over Pakistan
2015	President: Mathematics Society
	Interests
	Football, Gym, Travelling, Driving