

Curriculum vitae

PERSONAL INFORMATION



Hamza Tahir

📍 Faisalabad (Pakistan)

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Sex Male | Date of birth 26/07/1997 | Nationality Pakistani

A highly motivated and goal-oriented person, passionate to shine in a challenging and competitive environment. Actively seeking an opportunity to enhance my educational and professional skills in a dynamic workplace, while making a significant contribution to the success of the company.

EDUCATION AND TRAINING

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|--------------------|--|
| Oct 2016–July 2020 | Bachelors in Computer Software Engineering (CGPA: 3.19)
National University of Sciences and Technology, Islamabad |
| Mar 2013–Jun 2016 | HSSC (Pre-Medical) and Applied Mathematics, Faisalabad Board (88 %)
Punjab College of Science, Faisalabad |
| Mar 2011–Mar 2013 | SSC, Faisalabad Board (92 %)
Divisional Public School, Faisalabad |

WORK EXPERIENCE

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|------------------------|--|
| November 2020- Present | Backend Developer (Remote Job)
Liam Crest, United States
During my tenure at Liam Crest, I served as a backend developer with expertise in Core PHP, CodeIgniter, and Laravel. I was responsible for developing and maintaining web applications, ensuring their scalability and performance, and enhancing their security features. Additionally, I also worked as a Moodle developer, creating and managing e-learning platforms that catered to the needs of various clients. Through my experience, I gained a deep understanding of how to create efficient and effective e-learning systems while using PHP frameworks to develop custom web applications. |
| July 2019–Sep 2019 | Summer Internship
National Telecommunication and Information Security Board (NTISB), Islamabad
As a Security Analyst intern at NTISB, assisted in implementing software security policies and conducting security assessments to ensure software products meet industry-standard security requirements. |
| July 2018–Sep 2018 | Summer Internship
Faisalabad Medical University (IT department), Faisalabad
As a Medical Data Analyst intern in a Medical University experienced in analyzing medical data using SPSS software |

PROJECTS

Cyber Guard – A Data Loss Prevention (DLP) Toolkit

As part of my final year software project, I developed a data loss prevention (DLP) toolkit that helps organizations protect their sensitive data by identifying, monitoring, and preventing potential data breaches. The toolkit utilized machine learning and advanced analytics to detect security threats and included network monitoring, content analysis, and incident response modules. It enables organizations to take proactive measures to prevent data loss, ensuring the security and confidentiality of their valuable information.

Hotspot Mapping Project

A student's coloring hotspot map project that allows students to color different areas of a school map based on how they feel, and then analyzing the resulting data to identify patterns and trends in the emotional and social environment of the school. This project can provide valuable insights into areas where changes or improvements could be made to create a more positive and supportive school environment for students.

Worksheets Website

The worksheets website is an online platform designed to help teachers, parents, and students find and download high-quality educational worksheets across various subjects and grade levels. The website provides a user-friendly interface for browsing and filtering worksheets, and offers a wide range of resources such as math worksheets, reading comprehension exercises, science activities, and more.

ConservEquity - Learning Management System

As a backend Laravel developer for an LMS software project, I was responsible for designing and developing the backend infrastructure and APIs that power the platform. I created custom features and modules using PHP and Laravel, optimized performance and scalability, and addressed technical issues as needed.

PERSONAL SKILLS

Job-related skills

- Web Engineering - HTML, CSS, JavaScript (Node JS, Angular JS & Express JS) and PHP (CodeIgniter & Laravel)
- Database Design (MySQL & MongoDB)
- Understanding of software development principles such as object-oriented programming, design patterns, and best practices for code organization and testing
- Understanding of version control systems such as Git
- Moodle Development

CERTIFICATIONS

Machine Learning Specialization

Stanford University, DeepLearning.AI

<https://www.coursera.org/account/accomplishments/specialization/certificate/RNTDLBZU3AXD>

Google Data Analytics Specialization

Google

<https://www.coursera.org/account/accomplishments/specialization/certificate/GFLVJDSPAUA>

PROFESSIONAL AFFILIATIONS

- Member of Software Society as Workshop Secretary
- Member of IEEE

ACHEIVEMENTS

- Overall Winner of Finding Innovative & Creative Solutions for Society (FICS), NUST 2020
- Finalist (LUMS Startup Weekend)