

## EXPERIENCE

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| <b>Learn Student Ambassador</b>  | <b>Microsoft Corporation</b>               | <b>April 2021 — Present</b>      |
| <ul style="list-style-type: none"><li>Launched Microsoft student ambassadors club on campus as a Co-Lead.</li><li>Conducting virtual workshop on Azure cloud technologies and Microsoft Imagine cup.</li></ul>   |  |                                  |
| <b>Information Technology Intern</b>   | <b>Pak Elektron Limited</b>                | <b>July 2021 — August 2021</b>   |
| <ul style="list-style-type: none"><li>Led and executed a team of 6 in the Information Technology department virtually on the project of Employee Management system (HRM).</li><li>Performed tasks and assignments related to relational databases and service-oriented architecture (SOA).</li></ul> |  |                                  |
| <b>Senior Member</b>   | <b>Association for Computing Machinery</b> | <b>April 2019 — June 2020</b>    |
| <ul style="list-style-type: none"><li>Facilitated in the logistics and liaison of the ICPC'19 as the organizing body.</li><li>Coordinated and communicated with the technical head for the 20<sup>th</sup> Softcom marketing.</li></ul>  |  |                                  |
| <b>Web development Intern</b>  | <b>CyberVision International</b>           | <b>July 2017 — August 2017</b>   |
| <ul style="list-style-type: none"><li>Setup and configured different use cases in Drupal content management system on a Xampp server.</li><li>Updated content and settings on the firm's client websites like Nutrition Support Program (NSP).</li></ul>   |  |                                  |
| <b>Teaching Assistant</b>  | <b>Beaconhouse School System</b>           | <b>August 2016 — August 2017</b> |
| <ul style="list-style-type: none"><li>Tutored the course of Cambridge International AS and A Level Mathematics (9709) to a class of 5 students.</li><li>Assisted teacher with classroom management, document management, and quiz marks totaling.</li></ul>  |  |                                  |

## EDUCATION

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| <b>Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Topi, PK</b>                      | <b>September 2018 — June 2022</b> |
| <ul style="list-style-type: none"><li>Bachelor of Science in Computer Science. CGPA: 3.28/4.00</li></ul> |                                   |
| <b>Beaconhouse School System, Margalla Campus, Islamabad, PK</b>   | <b>August 2016 — August 2018</b>  |
| <ul style="list-style-type: none"><li>GCE Advanced Level. Grades: 2 A's; 1 B</li></ul>                   |                                   |

## TECHNICAL PROJECTS

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- GitHub repository:** [www.github.com/Usman-Zeb](https://www.github.com/Usman-Zeb)
- Mind Braille App.** Collaborating in a FYP group of 4 on a generalized non-invasive Brain-computer Interface Android application for disabled personnel using a Metal-learning model hosted on Azure.
  - Re-social App.** Developed a proximity-based social application for Android using Flutter and Firebase. Moreover, TensorFlow was utilized for clustering to connect users with similar attributes.
  - Community Platform App.** Developed a native Android application for MicroFest'21 Hackathon. The application connected different field experts to share suggestions, upvote, and discuss them.
  - Computer Mark.** Designed a computer based on von-Neumann architecture but with two ALUs acting as a set of coordinates to reduce the number of instruction clock cycles for speedup of up to 40%.
  - Portfolio Website.** Coded a portfolio site with Bootstrap, Django, PostgreSQL hosted on a PaaS solution, Heroku.

## ADDITIONAL EXPERIENCE AND AWARDS

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- Dean's Honor List** — Received distinction in 5<sup>th</sup>, 6<sup>th</sup>, and 7<sup>th</sup> semesters by Faculty of Computer Science GIK Institute for SGPA of 3.5 or greater on a scale of 4.00.
- Global EMEA region Runner-up** — Won the Microsoft Imagine Cup Epic Challenge 2022 as a runner-up.
- Research Member** — Working on the research paper of generalization of EEG signals using Meta-learning with GIKI's Machine Intelligence Research Group (MInG) under mentorship of Dr. Zahid Halim.
- Community Volunteer** — Organized the event of Save Tomorrow II for Karim Khan Afridi Welfare Foundation.

## SKILLS

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- Languages:** C++; C#; C; Python; Java; Julia; SQL
- Technologies:** Android Studio; Flutter; Keras; Firebase; Django; Azure
- Operating Systems:** Windows; Linux; Android
- Others:** Photoshop; Figma; Cinema4D; Unity