

Ameer Hamza Riaz

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OBJECTIVE

Seeking an internship opportunity in an esteemed organization, that will allow me to effectively use my current programming, communication and teamwork skills with a continuous endeavor to enhance them.

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, Assembly Language, HTML5, Bootstrap, CSS
- **Databases:** MySQL, MongoDB
- **Softwares:** Papyrus, Adobe Illustrator, Adobe Photoshop, MS Office, Minitab
- **Version Control System:** Github

EDUCATION

- **FAST National University of Computer and Emerging Sciences, Karachi**
Bachelors of Science in Computer Science (BSCS); CGPA:3.49 *Aug 2015 – Present*
 - **Electives:** DataScience, Computing Methods, Communications for Managers
- **D.J. Sindh Government Science College**
Intermediate in Pre-Engineering; Percentage: 78.81% *Nov. 2012 – Nov. 2014*
- **Crescent Bahria Cadet College**
Matriculation in Science; Percentage: 86% *Jan. 2010 – Oct. 2012*

MAJOR SEMESTER PROJECTS

- **University Bus Tracking System:**
The mobile application allows the students to track the location of the point on map and calculate its ETA to the pickup stop assigned to students.
 - **Tools Used:** React-Native, Firebase
- **Facial Recognition Attendance & Management System:**
An autonomous system which uses facial recognition to mark attendance of students and teachers. The admin manages the database using CRUD desktop application while students and teachers use Web Interface to view attendance.
 - **Tools Used:** Python, Dlib, OpenCV, MYSQL, Bootstrap, CSS, HTML5, PHP, PYQT5
- **Android Task Manager:**
The Task Manager Application shows all the phones currently running apps, along with their trivial information. It also allows the user to kill running apps that are hogging up too much CPU time or memory.
 - **Tools Used:** Android Studio
- **Gesture Controlled User Input Device:**
The Gesture Controlled User Input Device was created by attaching a 3-axis accelerometer with arduino to a glove and mapping the movements of a persons hand to keyboard strokes or mouse movements.
 - **Tools Used:** Arduino, ProcessingIDE

EXPERIENCE

- **Association of Computing and Mathematics, NUCES Chapter** Oct 2017 - Present
Deputy Head Graphic Designing & Animation
- **Freelance** March 2016 - Oct 2017
Website Developer & Graphic Designer
- **Association of Computing and Mathematics, NUCES Chapter** Oct 2015 - March 2016
Deputy Head Graphic Designing & Animation

CERTIFICATIONS

- **JavaScript Essential Training**
Lynda July 2016
- **CSS Fundamentals**
Lynda July 2016

ACHIEVEMENTS

- **Dean's List Award:** Spring 2016, 2017 & Fall 2017
- **Scholarship:** Awarded Scholarship by Sindh Government of Pakistan 2015.
- **Workshop:** Conducted a Unity3D workshop for around 40 students.
- **The CodersCup(Speed Programming):** Runner Up 2017