

## GHANIYA ARIF AHMED

+92-316-4114364 • ghaniya\_arif1102@yahoo.com • Age: 22



### Education

---

**Government College University**  
*Bachelors of Microbiology*

Lahore, Pakistan  
2015-2019

**Pakistan International High School**  
*FSc (pre-medical)*

Al-Khobar, K.S.A  
2013-2015

- Received distinction in English.

### Experience

---

#### **AMAL ACADEMY**

Lahore, Pakistan

Education startup funded by Stanford University that teaches professional skills to students and corporations.

***Career-Prep Fellow*** (October, 2019 – January, 2020)

- *Communication*: Completed a competitive written application and interview process to be selected from over 600 applicants for intensive 3-month Fellowship funded by Stanford University
- *Skills development*: Invested 150 hours in order to develop business skills (e.g., communication, leadership, problem solving, teamwork, etc.) that will help me make a deeper impact on the job.

#### **THE EDUCATOR**

Lahore, Pakistan

A private educational organization.

***Teacher*** (August, 2019 – October, 2019)

- *Management*: Managed 3 secondary school classes comprising of 30+ student each, improving the monthly test results by 20-25% during my stay there.

#### **PCSIR LABORATORIES COMPLEX**

Lahore, Pakistan

A government-owned science and industrialization research organization.

***Research Intern*** (September, 2018 – July, 2019)

- *Training*: Supervised and guided by a highly qualified pharmacologist and 2 research expertise, which helped me in exploring more about the field.
- *Observation and Learning*: Observed and learned several new research methodologies including PCR, ELISA and Sonication, which would be beneficial for several medical researches.
- *Problem solving*: Used hot air oven as an incubator, during extreme climatic conditions.
- *Persistence*: After several failed attempts I was able to produce my results by the end.
- *Teamwork*: Collaborated with a team of 5 to complete the research project, which further helped me in understanding different aspects of the project from different point of views.
- *Leadership*: Guided 9 internees regarding the functioning of the lab work, which benefited me with more helping hands for project completion.

#### **SERVICES HOSPITAL**

Lahore, Pakistan

One of the most developed PMDC recognized government hospital in Lahore.

***Hygiene Inspection Intern*** (February, 2019 – April, 2019)

- *Inspection*: Inspected 20 different wards and units of the hospital within 2 months and identified the areas which needed improvement.
- *Communication*: Communicated with the hospital administrators and senior doctors for addressing the shortcomings in the hygienic system of the hospital, for which the staff took the responsibility and collaborated with LWMC for improvement.
- *Management*: Managed a hygiene awareness conference for the medical and paramedical staff, which helped them understand the reason behind hospital-acquired infections and its prevention.

## **MAYO HOSPITAL**

Lahore, Pakistan

One of the oldest and largest government hospital in Lahore.

***Intern*** (May, 2018 – September, 2018)

- *Operated:* Learned and operated several diagnostic techniques for various diseases, which helped me develop medical diagnostic skills.

## **Academic Activities**

---

### **ANTIBIOTIC PRODUCTION USING HERBAL RESOURCES**

Final year research project (GCU and PCSIR Laboratories Complex)

***Researcher*** (September 2018 – July 2019)

- *Research skill:* We found that the rate of resistance development against synthetic drugs have reached to 77.5% in Pakistan, which could be reduced up to 20% by the use of antibiotics derived from natural resources such as plants.

### **INSECT REPELLANT PAINT PRODUCTION**

An innovative project for a business plan competition (GCU, Lahore)

***Project Manager*** (September, 2018 – December, 2018)

- *Economy Service:* It has been estimated that more than 17% of the fatal diseases are transmitted through insects (including dengue virus), which can be prevented by avoiding insects in house using insect repellent paints.

### **BIOSAFETY WORKSHOP**

A workshop held in collaboration with Young Scientists Association (GCU, Lahore)

***Attendee*** (November, 2017)

- The workshop facilitated me with several GLP techniques.

## **Honors and Awards**

---

### **INTER-DEPARTMENTAL LOGO DESIGNING COMPETITION**

- Secured third position in the competition, throughout the university (2018)

### **CHIEF MINISTER'S AWARD**

- Received merit-based Laptop Award from Chief Minister Punjab (2016)

## **Additional**

---

### ***Skills:***

- Medical Research
- Medical Diagnostics
- Team Leadership
- Problem Solving
- Creative writing
- MS Word
- MS Excel
- MS PowerPoint
- Publishing

### ***Interests:***

- Graphic Designing
- Article writing