

# Md. Fahim

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## Education

University of Asia Pacific

*B.Sc. In Computer Science and Engineering*

2018–2022

CGPA: 3.10/4.00

## Research Experience

Undergraduate Research Work

Apr 2021–Apr 2022

*University of Asia Pacific*

- Thesis title: **A Machine Learning Based Analysis Between Climate Change and Human Health: A Correlational Study**
- Algorithms: PCA, K-Means, Pearson, Spearman, Phi-K, Random Forest and Arima
- Supervisor: Nadeem Ahmed

## Publications

**Md. Fahim**, Md. Ekhtiar Uddin, Rizve Ahmed, Nadeem Ahmed, Md. Rashedul Islam “A Machine Learning Based Analysis Between Climate Change and Human Health: A Correlational Study” In “2022 International Conference on Computer and Applications (ICCA), Cairo, Egypt, 2022, pp. 1-6” [Doi: 10.1109/ICCA56443.2022.10039484](https://doi.org/10.1109/ICCA56443.2022.10039484)

## Projects

Facial Expression Classification

Nov 2021–Dec 2021

- A machine learning based facial expression classification.
- Tools: CV2, Pillow, Pandas, Glob, SkLearn, etc.

Ai-Chatbot

Sep 2021–Nov 2021

- An Ai-Chatbot which can be used in sickness, for simple medical query.
- Tools: nltk, pytorch, numpy, Tensor kit, etc.

GiftLand

Sep 2020–Nov 2020

- GiftLand is an e-commerce web application.
- Tools: Django, MySQL, Bootstrap, etc.

Laravel Blog

Dec 2019–May 2020

- A blog site with admin panel using Laravel.
- Tools: Laravel 5.7, postgres SQL, JQuery, etc.

Bank Management System

Apr 2019–Jul 2019

- Tools: Java
- A Java based GUI application to manage and create all kinds of Bank Account.

## Language Proficiency Score

International English Language Testing System (IELTS)

Overall	Listening	Reading	Writing	Speaking
7	7	7	6	7

## Awards & Achievements

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<b>Founder Member</b> , <i>Research Club, UAP</i>	Fall 2022
<b>2nd Runners-Up</b> , <i>Intra Department CTF</i>	Spring 2022
<b>Dean's Award</b> , <i>University of Asia Pacific</i>	Fall 2021
<b>Runners Up</b> , <i>Poster competition</i>	Fall 2021
<b>Runners Up</b> , <i>View Finder Season 3 (Photography Contest)</i>	Spring 2018
<b>Former Member (Executive)</b> , <i>Photography Club, UAP</i>	Spring 2018

## Extra Curricular Activities

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<b>Volunteer</b>	ICPC World Final 2022
<b>Coordinator</b>	National IT Competition for Youth with Disabilities (Fall 22)
<b>Coordinator</b>	Ada Lovelace National Girls Programming Contest (Spring 22)
<b>Organizer</b>	CSE Cultural Fest (Spring 22)
<b>Coordinator</b>	CSE Cultural Fest (Fall 21)
<b>Coordinator</b>	CSE Photography View Finder Season 3 (Fall 18)
<b>Coordinator</b>	UAP Intra University Programming contest (Fall 18)
<b>Coordinator</b>	Inter School & College Programming Contest "Code Vanga Jobab" (Fall 18)

## Skills

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<b>Programming Language</b>	Python, C, C++, Matlab
<b>Hardware</b>	Arduino, Raspberry Pi
<b>Version Controlling</b>	Git, Github
<b>Web</b>	Laravel, Django, Nuxt js
<b>Language</b>	Bangla, English, Hindi

## References

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### **Nadeem Ahmed**

- Assistant Professor and Proctor, Dept. of Computer Science and engineering, University of Asia Pacific.
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### **Dr. Alope Kumar Saha**

- Professor, Dept. of Computer Science and engineering, University of Asia Pacific.
- Email: [aloke@uap-bd.edu](mailto:aloke@uap-bd.edu)

### **Dr. Muhammad Towfiqur Rahman**

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