Mehmood Munir

halcyoona@gmail.com :: +92 335 70 24 660 :: https://halcyoona.wordpress.com/ :: https://github.com/halcyoona/
https://www.linkedin.com/in/halcyoona/ :: SkypeID: halcyoona

Education

National University of Computer and Emerging Sciences — Peshawar, Pakistan
Bachelors of Science in Computer Science — CGPA: 3.61/4.0 — August 2017 — to-date

Federal Board of Intermediate and Secondary Education — Mianwali, Pakistan
F.Sc. (Pre Engineering) — Marks: 810/1100 — August 2013 — June 2016

Federal Board of Intermediate and Secondary Education — Mianwali, Pakistan
Matriculation (Computer Science) — Marks: 879/1050 — April 2011 — May 2013

Experiences

Hybridata — Online
React Developer — August 2019 — February 2020
- Developed my own chart library to create bar chart, line chart and speedometer chart using React.
- Worked on Docker to containerize the app which is deployed on Amazon Web Services(AWS).

Fiverr — Online
Rating 5.0 — March 2020 — to-date
- Working on different projects on the Machine Learning and Data Science which include supervised, unsupervised and reinforcement learning models.
- Deployment of different REST API's and servers using Docker swarm on a cloud platform.

National University of Computer and Emerging Sciences — Peshawar, Pakistan
Research Lab (COLAB) — October 2017 — to-date
- COLAB is a team of skilled students in various Computer Science technologies led by Dr. Mohammad Nauman.
- The team lead of more than thirty skilled individuals in a collaborative environment. Also involved in hiring, training, and setting various road maps for developing excellence.

National University of Computer and Emerging Sciences — Peshawar, Pakistan
Teaching Assistant — August 2018 — to-date
- Deployment of online assignment submission and checking system i.e Autograder, on Azure using Ubuntu server machine.
- Involved in setting and checking the assignment and arranging a session for students to answer their queries.

Projects

3D Gaming Agents with Deep Reinforcement Learning *FYP* — August 2020 — June, 2021
- This project aims to train 3D gaming agents using different Deep Reinforcement Learning models.
- Using Azure Cloud Platform to deploy different training models on different virtual machines.
- https://github.com/halcyoona/FYP

Youtube Comments Sentiment Analysis *Fiverr* — July 2020 — October 2020
- Includes deployment of Handlebars template on Aamazon Web Services(AWS) using API Gateway and Lambda Functions.
- Implemented a sentiment analysis engine using a Machine Learning model and Natural Language Processing in Python.
- Sentiment engine is deployed on EC2 instance and created Flask API which is containerize using Docker.
- https://github.com/halcyoona/youtube-api

Dairy Farm Management System *Object Oriented Analysis and Design* — September 2019 — December 2019
- Completed in fifth semester using Java language and practice for the software process i.e Agile method.
- Manage the whole dairy farming system including salary module, milk production module, delivery module.
- https://github.com/halcyoona/Dairy-Farm

Mail Box *Database Systems* — March 2019 — May 2019
- Created mailing system to send and receive an email using Flask, SQLite and SQLAlchemy.
- https://github.com/halcyoona/mail-box

Vector Grapher *Computer Programming* — March 2018 — May 2018
- Software take the vector equation as input and generate the 3D graph respectively using the C++ language.
- https://github.com/halcyoona/vector-grapher

Achievements

- **Microsoft Learn Student Ambassadors** (Beta member) — January 2020 — to-date
- **Gold Medalist** (In each semester) — January 2018 — to-date
- **International Collegiate Programming Contest** (Stands in top ten) — 2019
- **IEEEXTREME Programming Competition** (Stands in top ten) — 2019

Skills

- **Cloud Platform:** Azure :: Amazon Web Services(AWS)
- **Technologies:** Docker :: Machine Learning :: Reinforcement Learning :: Robotics :: Data Science :: Puppet
- **Web Development:** Flask :: React :: Node :: Express :: Django :: Laravel :: Handlebars :: GraphQL :: jQuery
- **Languages:** Python :: C++ :: Java :: JavaScript :: JSX :: ES6 :: C# :: SQL :: PHP

References

- **Dr. Mohammad Nauman** (Associate Professor at National University of Computer and Emerging Sciences)
  mohammad.nauman@nu.edu.pk
- **Dr. Hafeez ur Rehman** (Associate Professor & HoD at National University of Computer and Emerging Sciences)
  hafeez.urrehman@nu.edu.pk