

Raja Hasnain Anwar

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BS Computer Science from SEECS, NUST | Sophomore | CGPA: 3.94 / 4.00

"Hard work beats talent when talent does not work hard."

Undergraduate student pursuing BS in Computer Science degree. Passionate about computer science and problem solving, with technical, analytical, and interpersonal skills for working in a team and successfully completing a project.

Current Employment

- **VisionX Technologies** **CIE-NUST, Islamabad**
Intern *July 2017–Present*
I'm working on Visual Recognition and Document Analysis project. The task of building a synthetic dataset for document localization for training more generalized neural networks, is under process.
- **TUKL-NUST R&D Center** **NUST-SEECS, Islamabad**
Member Research Community *April 2017–Present*
I'm a part of an active Vehicle Surveillance project, Roadway Intelligence. The project is funded by HEC, and endorsed by ITP Safe City.

Academic Experience

- **NUST-SEECS** **Islamabad**
Teaching Assistant *Sept 2017–Present*
Course facilitator for the subject "Fundamentals of Computer Programming" for Fall 2017 with Dr. Anis ur Rahman 📧 for the term.

Previous Employment

- **CYKIQ** **NUST, Islamabad**
Software Engineer *November 2016–March 2017*
I worked as an active member in Software Team. My responsibility was to gather data about the scope of operation of the startup and provide a solution to improve the service. My suggestion was to move to cloud, for which the team chose Microsoft Azure to run the CRUD API for centralized and autonomous chain of operations.

Education

Academic Qualifications

- **National University of Sciences and Technology** **Islamabad**
Bachelors of Computer Science , Top in the batch (so far) *2016–2020 (expected)*
- **Punjab Group of Colleges** **Rawalpindi**
FSc. Pre Engineering, Mathematics – Physics (86%) *2014–2016*

- **F. G. Public School**
○ *Matriculation, Mathematics – Physics – Computer Science (93%)*

Rawalpindi
2012–2014

Notable Projects.....

- **Pied Piper 'Data Scraper and Email Reader'**

Worked on creating a tool which would be able to scrap data off the emails and websites, storing it in databases (or local machine directories) and then using search to skim through the data for sorting. The tool also provides the facility to send emails from CMD along with local files (as attachments). The tools functionality can also be extended for Pen-testing by gathering data from people through emails and store it directly into one's PC.

- **Technology for ALL 'Workshops'**

Successfully conducted two workshops: one on-campus and other off-campus, to give school kids a gist of new technology, with the help of some seniors. The workshops included interactive sessions about basic app and game development using MIT's and Code.org's drag-n-drop interface. The workshop also included a session about circuit designing and Lego Robotics.

Technical and Personal skills

- **Programming Languages:** Hands-on Experience in: Python, C, Java, JavaScript, and jQuery
Comfortable in working with IPython Notebook, Tensorflow, and openCV
Also basic ability with: C++, and PHP.
- **Other:** Good soldering and spot welding skills, can write well organized and structured reports. Ability to move to any programming language when needed.

Interests and extra-curricular activity

- Problem Solving
I love traveling and exploring new things and places.
I am an active Quora and Medium user.

References

- Up to 3 references available on request