Hussam Habib

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EDUCATION

NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES (FAST-NU), LAHORE   2014-Present
FAST SCHOOL OF COMPUTER SCIENCE
Bachelor's in computer science
- CS Major GPA: 3.67

The City School A Level   June 2014
The City School O Level   June 2012

EXPERIENCE

- Research Assistant with Dr. Usman Sadiq at FAST   [2018]
- Research Assistant at TPI lab LUMS   [2018 - Present]
- Cofounder of AEYE Systems (Providing AI Solutions to local problem)   [2018]

PROJECTS

- **YNET —** *Research Projects* (FYP)   [2017]
  A convolutional neural network that interpolate video frames using audio reinforcement.

- **Android Repackaged App Detection —** *Security Research Project*   [2018]
  Repackaged and malicious app detection using various techniques.

- **DermaAEYE** — *Dermatologist Assistant AI model*   [2018]
  A skin disease classification model to aid dermatologists in diagnosis

- **Screens** —*Measuring billboard ads impressions and demographic classification*   [2018]
  AI system installed in public places enabling billboards to show relevant ads and get impressions

- **Fetch —** *Desktop Application* github.com/hussamh10/fetch   [2017]
  Performs OS wide folder and file search using fuzzy matching.

- **AlfredPi** — *Raspberry Pi Bot* github.com/hussamh10/alfredPi   [2016]
  A telegram personal assistant.

- **Shanty Bay** — *Desktop Application*   [2016]
  A music streaming application.

- **Football Fantasy League** — *Android Application*   [2018]
  An application where players predict scores for a spot on the leaderboard.

- **NEINLP** — *A Chat Generator model*   [2018]
  A chat bot that generates that mimics a chat group using NLP and ML algorithms.

- **Course Projects —** *Academic course projects*   [2014 - 2018]
  Album Art Generator, GPS based Image sharing android app and Spam detector.

SKILLS

- Adept at Python, C++, Java and bash.
- Adept at machine learning models, AI algorithms, Computer Vision Algorithms and data science libraries.
- Excellent problem-solving skills: Winner GEEK WEEK ACM Regional Programming Competition 2018; Winner IEEE Regional; Winner ACM Competition, 2nd in ACM ICPC National, 2nd in SOFTEC'18.

INTERESTS

- Data Science
- Computer Security
- Operating Systems
- Computer Vision
- Machine Learning
- Natural Language Processing