

Hassan Bokhari

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EDUCATION

FAST NUCES

BS IN COMPUTER SCIENCE
May 2021 | Peshawar, Pakistan

BEACONHOUSE

O'LEVEL/A'LEVEL
Grad. May 2017 | Islamabad, Pakistan

LINKS

Facebook:// [hassan.bokhari.102](#)
Github:// [Hassan Bokhari](#)
LinkedIn:// [Hassan Bokhari](#)

COURSEWORK

UNDERGRADUATE

Machine Learning
Natural Language Processing
Data Structures & Algorithms
Databases
Network Security
Operating Systems
Artificial Intelligence
Functional Programming
Computer Graphics
Computer Programming
Object Oriented Analysis & Design
(Teaching Asst)
Computer Graphics

SKILLS

• Keras • OPENCV • OpenGL
• TensorFlow • SKLEARN
• Data Science • REDUX
• PANDAS • Numpy • MATPLOTLIB
• Firebase • MySQL • GIT
• Mongo DB •

PROGRAMMING

Over 5000 lines:

Java • C++ • Python • Javascript
JSX • React

Over 1000 lines:

C • Shell • CSS • PHP • Assembly •
React Native

Familiar:

iOS • Android • Jira

AWARDS

- LeetCode coding 10 problems best runtime
- Batch top in Data Structures
- 12th in Pakistan, Kangaroo Math
- Gold Medal, National Basketball x2

EXPERIENCE

THE CYBER DEN | SOFTWARE ENGINEERING INTERN

December 2019 - August 2020 | Peshawar, Pakistan

- Led and Deployed Maverick - A point of sale software on Desktop and Web using java and React respectively.
- Full-stack developer - Wrote and reviewed code for JS and Java.

GAP DYNAMICS | SOFTWARE ENGINEER

September 2020 - January 2021 | Islamabad, Pakistan

- Worked on multi-vendor e-commerce, To-Do and Online Car, buy and sell application.
- Full-stack developer - Wrote and reviewed code for React and React Native.

PROJECTS

THROUGH-WALL HUMAN POSE ESTIMATION USING RADIO SIGNALS | FINAL YEAR PROJECT

- It leverages the fact that wireless signals in the WiFi frequencies traverse walls and reflect off the human body. It uses a deep neural network approach that parses such radio signals to estimate 2D poses.

CRIMINAL MANAGEMENT SYSTEM | OOAD SEMESTER PROJECT

- Desktop Application using Java. Used Relational Databases MySQL. Facial Recognition For criminal databases as well as Notifications of new requests.

SENTIMENT ANALYSIS | NLP SEMESTER PROJECT

- Detect sentiment of user based on live time chat.

HEAT SIMULATION | COMPUTER GRAPHICS SEMESTER PROJECT

HUMAN FACIAL EXPRESSION RECOGNITION | MACHINE LEARNING SEMESTER PROJECT

- Used a convolution neural network and along side it I used maxPooling to address the problem of over-fitting. I also used Batch Normalization to stabilize the learning process and to reduce the number of training epoch required to train.

MULTI BRANCH POS | THE CYBER DEN

- React App using Firebase, Firestore as well as Firebase Authentication.
- Synchronized database for all branches and separate financial dashboards.

CO-CURRICULAR

HEAD CS QUIZ | MICROSOFT VIRTUAL EVENT

VICE PRESIDENT SPORTS SOCIETY | FAST NUCES

NATIONAL BASKETBALL PLAYER | PAKISTAN NATIONALS