

Mohammed Faisal Anees

Third Year B.Tech Undergrad
Computer Science and Engineering
IIIT Hyderabad

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Education		
Qualification	Institute	Year
B.Tech in Computer Science and Engineering	International Institute of Information Technology, Hyderabad (IIIT - H)	2012-2016 (Expected)
Senior Secondary, CBSE	The Millennium School, Dubai, UAE	2012
Higher Secondary, CBSE	The Millennium School, Dubai, UAE	2010

Work Experience

Software Development Intern, ValuePitch, Hyderabad *Aug 2014 - Present*

- Working on a core product as an Android Developer

Web Administrator, Ping, IIIT Hyderabad *March 2013 - Aug 2014*

- Responsible for maintaining the site <http://ping.iiit.ac.in>

Open Source Developer *Dec 2013 – March 2014*

- **Sympy** - <http://sympy.org>
 - A computer algebra system written in pure Python
 - Implemented a module on Egyptian Fractions
- **Scrapy** - <http://scrapy.org>
 - A fast high-level screen scraping and web crawling framework written in Python and Twisted
 - Worked on 'Support for Other Programming Languages' Project to achieve functionality similar to Hadoop Streaming

Projects

Purposeful Facebook Networks *Dr. Kamal Karlapalem*
'Software Systems Analysis & Project' Course Project *Sep 2013 - Nov 2013*

- Implemented word-to-word and semantic matching of social network feeds
- Achieved semantic matching through reverse indexing of Wikipedia datasets
- Project selected for IIIT Hyderabad's annual R&D showcase

OpenGL Motocross Rally Game *Dr. PJ Narayanan*
Graphics Course Project *Jan 2014 - March 2014*

- Implemented a 3D racing game in C++ using the OpenGL library where a bike races over complex terrains such as mountains and rivers with an objective to collect points

Twitter Chat Bot *Manish Gupta, Microsoft Bing, Hyderabad*
Web Mining Course *August 2014*

- Implemented a bot in Python that builds a conversation with the user by efficiently matching the query to a tweet from Twitter datasets and outputting a reply/comment of the matched tweet
- Visualization of the dataset was done in terms of number of participants, conversations, nodes and the entire dataset was printed as a tree representation

File Sharing Application

Computer Networks Course Project

Prof. Shatrunjay Rawat

March 2014

- Developed a file sharing application in C++ using TDP and UDP protocols with support for upload/download and indexed searching between client and server

Bash Shell

Operating Systems Course Project

Dr. P Krishna Reddy

Oct 2013 - Nov 2013

- Implemented a basic shell in C language using concepts of fork, exec, pipes, signals, etc which helped me in understanding the working of Bash Shell

Coursework

Web Mining, Introduction to Databases, Database Systems, Data Structures, Algorithms, Operating Systems, Software System Analysis & Project, Computer System Organization, Digital Logic and Processors, Computer Networks, Graphics, Formal Methods, Game Theory

Skills

Programming

Expert in Python - C - C++ - SQL

Familiar with Java - JavaScript - Bash Scripting

Dabbled with C# - Matlab - Scheme

Frameworks/Software

Git - Web2py - Vim - Android - Eclipse - SublimeText2
- OpenGL

Achievements

- Scored **2300** in **SAT 2** with 800 in Math, 770 in Physics and 730 in Chemistry
- Scored **93.2 %** in **All India Secondary School Examination** (AISSE)
- Socionity Appathon – IIIT Hyderabad – Jan 2014
 - Placed 6th out of 100 teams for building an Android application that notified friends/relatives in case the user meets with an accident
- Felicity Buzz! Hackathon - IIIT Hyderabad – Sep 2013
 - Placed 3rd out of 30 teams for building an Android application that helped in discovering nearby events

Links

Github - <https://github.com/coder46>

TopCoder - <http://goo.gl/3qSSvn>

SPOJ – <http://goo.gl/Pekb4f>

Linkedin – <http://in.linkedin.com/in/faisalanees>

Facebook – <http://facebook.com/fanees>

References

- Krishnamurthi Josyula**, Co-Founder and Partner, *ValuePitch*, +91 9502070682, jkrishnamurthi@gmail.com