



CSE student strikes gold: In conversation with Mustafa Hussain

15th March 2018
~Sources

All stunts are performed by experts only. Mustafa Hussain(22), student of final year CSE Department, left everyone both shocked as well as amazed by securing a whooping score of 338 out of 340 in the Graduate Record Examinations(GRE) held this year. All the students across the college were left intrigued to find out the secret of scoring really well. Mustafa Hussain spared a few moments from his busy schedule and gave us a few tips and tricks to get one step closer to our dreams. "I scored a 338 (V:168, Q:170, AW 4.0) when I took the test about a month ago. I received a lot of great tips from other students who have taken their GRE when I was prepar-

ing for it, so I want to share some tips I learned as a way of giving back. I've been fortunate enough to have access to paid resources(Magoosh, Princeton, ETS books) through my friends. Though it goes without saying, this is my personal experience, so take from this what is relevant to you. My preparation started about three weeks before the test, though vocab prep started sometime before it. Quant was done through mock tests and verbal through Magoosh. AWA preparation began a week before the exam. Magoosh was a really helpful resource, their video lessons on all three sections provide insight into answering the different types of questions as well as strategies to improve time. I would

recommend buying Magoosh as my verbal score improved by solving through all their verbal problems(~600) and identifying my weaknesses (Their explanation videos are helpful). However, if that's not possible there are plenty of free pdf files of good resources online(Official ETS verbal guide, 5lb Manhattan). Try to stick with one or two resources, Don't overwhelm yourself with a lot of books and material. I took 7- 8 mock tests while preparing, and this helped a lot in improving my mental stamina for spending more than 4 hours writing the actual test. There is a free test on Manhattan Review and 2 ETS tests once GRE date is booked, 2 paper based tests in the Official GRE Guide by ETS and 8 tests

on PrincetonReview(Paid). I wrote the second ETS test two days before the GRE to get an estimate score on the actual test. I would suggest not to get involved in other tasks or work while preparing for GRE if possible. And don't overwork yourself while preparing for it. Relaxation is important too. 4 – 6 week preparation is more than enough for it. At the end of the day, remember that the GRE is only one component of your application. A really high score won't be enough to get you admitted in the university of your choice. Focus on other aspects of your application too." said Mustafa Hussain.



Workshop by CSI inspires students of MJCET

20th March 2018
Written by Afshaan Anwarunissa

Students of MJCET attended a workshop on 17th March 2018 conducted by Computer Society of India (CSI) which improved the skills of IT and CSE students and gave their career a blast and their minds a sense of direction. Workshop that sparked an interest in every programming enthusiast was "WORKSHOP ON IBM CLOUD ESSENTIALS" supported by



Telangana Academy for Skill and Knowledge (T.A.S.K). Though IBM Cloud offers many services to reduce waste and optimize usage, the main attraction of this session was the hands-on for trending concepts like IOT(Internet of Things) and deployment of Web applications. As chatbots are becoming important part of IT industry as WeatherBot, NewsBot, SchedulingBot, etc, creation of Chatbot using Watson Conversation was a

integral part of the session."This workshop really helped me in understanding one of my favorite topics, Chatbots & now I can see myself creating a powerful chatbot using IBM Cloud in future", said an enthusiastic student of CSE department. The most important task of making sure

that every aspect of the workshop was deeply engraved in the hearts of the attendants was done by the instructors Mr.J Srinivas and Mr.Meer Arshad Ali who form a fundamental part of CSE Department, made time from their busy schedule. "If you give a child a fish you feed him for a day but if you teach him fishing, you feed him for a lifetime", a Chinese proverb which was the driving force for the

execution for the workshop."All participants have earned IBM batches in the two courses (IBM Cloud Essentials & Building Chabot With IBM Conversation) that we have handled in the workshop and definitely this will add some weight to their resumes. Hoping that we have empowered the participants to face the challenges of the marketplace of tomorrow." said Mr. J .Srinivas and Mr.Meer ArshadAli.

FDP on Big Data Analytics and Deep Learning.

16th March 2018

Written by Deeba Mahreen

In today's words "Big Data" and "Deep Learning" are the two most prevalent buzz words. The "Faculty Development Program" was a 6-day event which commenced on the 3rd of January 2018. **Dr. P.Bala Prasad Sahab**-Technical Head Digital Initiative, TCS Chairman-IEEE CS Hyd section was the Chief Guest who graced the occasion with his presence. Mr. Mohan Raidu Sahab-Chairman CSI Hyderabad Section was the Guest of Honour for the same. 8th January marked the end of a successful 6-day program.

Dr N J Rajaram-Director NIFT and MC member of CSI, Hyderabad section was the Chief Guest for the Valedictory Ceremony. This was followed by a Hands on IBM conversation service which was led by **Mr C. Yuktresh**-Developer Ecosystems and Startups IBM Industries Pvt. limited, Hyderabad. The program was led by **Dr A.A Moiz Qyser**, Head of Computer Science The Faculty Coordinator for the program was **Dr. Uma N. Dulhare**. The FDP was an opportunity for cross disciplinary discussions and collaborations wherein the participants were exposed to

the fundamentals of Data Analysis and Deep Learning. The Faculty Development program was a 6-day convention which comprised of hands-on



sessions to provide practical exposure to the participants. The resource persons for the program included academic experts from the University of Hyderabad, MAANU, IDRBT, Indus-

try Experts from Infosys, TCS, IBM, GE and Professional chapters namely IEEE-ICS and CSI-Hyderabad. The objective and scope of the workshop was to explore the latest concepts, challenges and future directions in Big Data Analysis and Deep Learning. The program witnessed around 100+ participants comprising of faculty research scholars, PG Graduates from various universities and colleges across the city. The topics that were comprehensively discussed mainly spanned from Big Data Analysis

concept and applications, Image and Text Analytics, Machine Learning algorithms and applications to Deep Learning frameworks, Convolution Neural Network and Restricted Boltzmann Machine. The motive of the FDP was to create a foundation for research scholars and faculty which would give them the opportunity to interact with the experts in the field both from academia and industry.

JS 101: From Basics to Building

23rd March 2018

Written by Deeba Mahreen



As **Douglas Crockford** once said, JavaScript is the world's most misunderstood programming language. It is also one of the world's most popular programming languages and the cornerstone of modern web application development. The workshop on JavaScript was aimed at giving emphasis to the very basics of the programming language and learn everything to get started. Our instructor for the event was **Mohammed Aamir Khan**, a final year CSE student

who offered lots of encouragement and tips along the course of the workshop. "This workshop was conducted mainly for beginners and programming enthusiasts. JavaScript is a kind of language which will instantly add productivity and enhance your web pages immensely." said Aamir. During the workshop Aamir enabled the audience to explore the fundamentals from getting the tools, setting up the development environment, and exploring expressions, operators, and arrays, to options, classes, functions, and actually writing code by providing a hands-on learning experience. "It was an extremely enriching experience. The hands on learning experience is a really nice way to teach." said an elated second year CSE student.

Programming Workshop for Beginners.



12th March 2018

Written by Deeba Mahreen

Where there is a code there is a way. The workshop on programming basics was conceptualised and designed by final year students **Fareed and Zohaib**. In this ever-changing digital environment, content creators must be equipped with basic coding skills. Whether you are creating or editing a webpage, crafting a blog post, publishing landing pages or sending email campaigns, being skilled in HTML, CSS and Bootstrap will render you indispensable. This intensive workshop was designed to provide a hands-on training in three coding languages: HTML, CSS &

Bootstrap. "You'll have the knowledge to confidently write code, develop web pages, and design a basic website with responsive interfaces." said Fareed who was one of the instructors responsible for the workshop. "It was very helpful. I can't wait to apply all these concepts and create my very own website!" said a second year ECE student. The Code Now workshop was designed for people who want to have a foundation in basic programming. The Code Now workshop was designed for people who want to have a foundation in basic programming.

The Dark Web: Everyone is a target

20th March 2018

Written by Adeesh Sharma



With over 1 billion websites on the internet which can be accessed by anybody, there are a couple billion more which are unknown

and inaccessible by the usual search engines and that people are unaware of. The area of the internet which can be accessed by the

search engines like Google, Bing, etc., is commonly known as the surface web while the area where the inaccessible/ unindexed websites are situated is known as the deep web. There are means by which the deep web can be accessed, for that, one should know the right address and should have the rightly configured software in their possession. Inside this, there is another part which is deliberately hidden and cannot be entered easily which is called the dark web. It is important to know that the deep web is distinct from the dark web. The darknet in simple words is the virtual black market

where illegal and unauthorised activities like ammunition trading, drug trafficking, fake identification processing, fake passport printing, and thousand such actions take hold which is why obviously, it is hidden and not under surveillance of the cybercrime investigators. Why was the deep web initiated? Originally the deep web was initiated for several federation's privacy advantages. It was majorly used by the police, military, whistleblowers and journalist for their defence and information exchange but taking advantage of the anonymity that the invisible projects offer several illicit activities began to flourish over

this part of the web and reached to an extent where it now is nearly impossible to control and keep the record of. How big is the deep web? The accurate size of the deep web remains uncalculated as there are large number of websites which are created and deleted every day. It is studied that only 4% of the web content is available to the search engines, while 96% of the digital universe is on deep websites, protected by passwords.

For reading the entire article please visit adeeshsharma.com/articles

How big is Samsung?

13th March 2018

Written by Shabbar Hussain

How Big is Samsung? Have you ever wondered how big Samsung is when you buy your S Note or any other series Smartphone or TV? Who built the Burj Khalifa or the iconic Petronas towers? Well, as it comes out, Samsung built all of them. Sometimes when you look beneath the surface, fact is always stronger than fiction. In today's world Samsung conquered their position in every industry and became the most diverse company ever. Apart from electronics as we all know, what else is Samsung involved in? Get yourself comfortable and get ready to be surprised, Samsung is much bigger than what you think. Since 1993 Samsung has been the largest producer of electronic chips in the world, in fact the iPhone and numerous other devices run on Samsung manufactured chips. In addition to this Samsung became the world's largest mobile phone manufacturer in 2011. The beautiful super AMOLED display that you see on various devices including the iPhone X is by Samsung, 98% of AMOLED screen market is dominated by Samsung along with being the largest manufacturer of LCD panels as well. Samsung has 490,000 employees, more than Apple, Google and Microsoft combined. When Samsung invested 2 million dollars in the clothing brand FUBU just as they were about to go under, FUBU has generated 6 billion dollars since. Samsung's revenue was 305 billion dollars where Apple and Google had just 183 and 66 respectively. Samsung is also Korea's 17 percent GDP, close to one fifth ;) So how does

Samsung make such revenue to dwarf Google? Samsung is made up of 80 different businesses and affiliates which are commercially and legally independent unified by sharing a single philosophy. To give you an idea Samsung also has Techwin a full military arm comprising of K9 a full-fledged army tank, weapons for engineering Samsung Engineering and Construction, Samsung trading and investment, Samsung heavy industries, Samsung life insurance, securities, investment trust management, venture investment, Samsung petrochemicals, Samsung BP, Sherill Industries, they also have a hotel and resort business, a medical center, an Economic research institute, foundation of culture a life and welfare foundation and all this is not even the tip of the iceberg. If this wasn't enough, Samsung also makes jet engines, Samsung heavy industries is the most efficient ship building center in the entire world with over 400 million square feet in size. Still not enough? Samsung has the biggest theme park in Korea with Zoo and various other crazy stuff. Samsung size is so ridiculous that there is also a Samsung city. So it is pretty clear that Samsung is much more than TV, Fridge and phones they do pretty much everything. Lastly Samsung has also dominated the processor market for mobile and smartphones. It is amazing how much of a dark horse this company is. So, next time you compare Samsung with Apple, Think Again.

SOPHIA— She is the “CHAOS” you claim yourself to be



14th March 2018

Written by Kausar Fatima

Sophia, a delicate looking woman made international headlines. She'd just become a full citizen of Saudi Arabia— The first robot in the world to achieve such a status. The Sophia-bot was dreamed up by the brains at Hanson Robotics, lead by AI developer David Hanson. She has a sense of humor better than half of us. When Sorkin asked if she was happy to be here, she said, "I'm always happy when surrounded by smart people who also happen to be rich and powerful." Later, when asked if there are problems with robots having feelings, she gave a wide smile and said, "Oh hollywood again." This is due to her AI, which has been developed to allow her to hold eye contact, recognise faces and understand human speech. Even though, Her expressions and speech are still limited. She was designed to look like Audrey Hepburn. Where we, humans, tend to forget our basic values, Sophia, on the other hand, wants to protect humanity. Even though she did pass a statement on she will destroy humans but later also made a statement saying, "My AI is designed around human values like wisdom, kindness and compassion," she said. When questioned about her potential for abuse, she had a quick rebuttal, "You've been reading too much Elon Musk and watching too many hollywood movies. Don't worry, if you're nice to me, I'll be nice to you." Hanson Robotics cloud-based AI offers deep learning and is also open source meaning, perhaps anyone can develop their own Sophia, should they so wish.

The 5 Plagues of Social Media

17th March 2018

Written by Firdous Samreen



Before the social media was a thing, the only way you could know "what is on your friend's mind" was through actually talking to them. But it's all a thing of the past right? Now to know where your friend (with whom you've probably not talked to in years) hung around last night is just a click away. But have you ever thought of the effects social networking sites are causing to the psyche of the youth of the society? If not, then we hope that these 5 'plagues' of social media does put a proper light on it's adverse effects

1. ADDICTIVE

Social media has become like a 24-hour day soap opera. Once you are hooked, it is hard to turn away. Social networks have the power to amplify our human nature. They fulfil the deep human need of finding a psychological distinctiveness and self-definition in a social context.

2. SELF VALIDATION

As humans, we tend to judge ourselves by comparing our lives to other people's lives. When it comes to reporting their 'news' on social media, people tend to make their lives look better than they really are. This leads others to compare themselves to a highly polished version of a moment in someone else's life, which can lead to low self-esteem.

3. STALKING

Next on our list is Stalking. You never know whom you're being watched or tracked by on your every post. Earlier these individuals used to lurk behind you on the street. Now they lurk on your profile. And only the Almighty knows what some might end up doing if they get their hands on your pic, which leads us to our next plague

4. BLACKMAILING

As it is getting easier to share every aspect of our lives on social media, the chances of personal stuff getting into the wrong hands is quite likely. The number of people reporting webcam blackmails has gone up from 385 in 2015 to 864 up to November 2016 in UK.

5. CYBER BULLYING

Victims of cyber-bullying often gets depressed and sometimes even commit suicide. Sure they can block the bully from their accounts, but what's stopping the bully from creating a new id and starting all over?

Things I am not

I lie awake at night making lists of things I cannot be.

I am not a dancer, but my feet tap each time they feel the rhythm of a song.

I am not a painter, but my eyes think you catch beauty in your brush by looking. I am not a poet, but my fingertips storm the keyboard at every thought.

I lie awake at night making lists of things I haven't been,

marking each step I never took to every place I've never been, gathering people I'll never be for all the things I'll never do,

but when I dream, I am a dancer and a painter and a poet.

~ Ahmed Bin Sultan



~Art by Juveria

A Quick Byte

