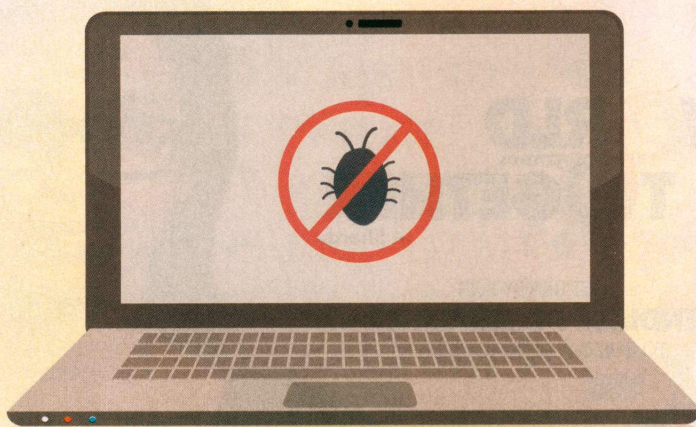


NEWS YOU CAN USE



Hack it Right

Ethical hacker and student of Lovely Professional University, Rohit Kumar, gets listed in the 'Facebook-Hall of Fame 2018', which recognises the world's top 20 security researchers

BY HARSHITA DAS

After attending the two-day security conference 'BountyCon' organised jointly by Facebook and Google in Singapore in March, Rohit Kumar, a second-year student of BCA (Hons) in computer application from Lovely Professional University (LPU), Punjab, was inspired to compete with the world's top security researchers in live hacking events. "BountyCon was the first live hacking experience for me. I plan to visit different countries to compete with ethical hackers," says Kumar, one of the few security researchers from Asia-Pacific to be invited for the conference.

Kumar, 19, started exploring ethical hacking in 2016 when a group of people hacked his website and web apps. He says, "I always used to think from user's and developer's point of view. I was good at finding developer's weak points and mistakes. I worked with a lot of developers, and after a few years, I decided to explore what I can do in this field. So, I learnt PoC (Proof of Concepts) and other related things."

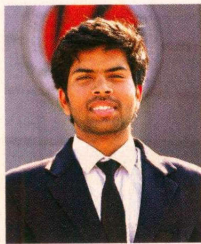
He then interacted with the

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IIM CALCUTTA OFFERS COURSE ON COMPETING ON DIGITAL MINDSETS



INDIAN INSTITUTE of Management (IIM) Calcutta has rolled out a programme on competing on digital mindsets (CDM), which aims to equip aspirants with the ability to think about technology and business differently. The programme, which starts in July, will have one session of three hours every week for a period of 11 months. The aspirants will be taught through lectures, case studies, experiential learning, an integrative capstone project and also enjoy guest lectures. A few focus areas will be ontology of the digital shift, cognitive tools for the digital world, competences and skills for the digital landscape, and organising and executing for digital business.



STARTING YOING

Rohit Kumar is a second-year student of BCA (Hons) in computer application at Lovely Professional University, Jalandhar, Punjab

world's top ethical hackers and learnt about their approach. "I thought this is the right time to improve my skills in ethical hacking and cyber security. From the same day, I started automating most of the part and developed my own strategies and methodologies. I submitted nine security vulnerabilities within four days of my visit," he says.

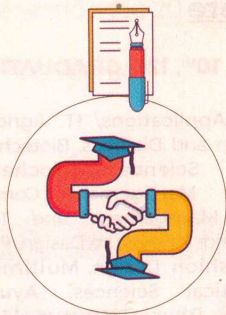
For Kumar, ethical hacking is a hobby and a good opportunity to earn bug bounties (monetary benefits) that helps him pay his colleagues and interns who are also part of the start-up. "You can say that bug bounty is a kind of funding source for my start-up," he says. He has earned several bounties over the years for his exceptional work in bug detection from companies such as

Facebook, Imgur, InVision and Shopify.

Sharing his views on career opportunities in ethical hacking in India, Kumar says, "Nowadays a lot of companies are shifting to responsible disclosure programmes or bug bounty programmes. Students can earn a good amount of money in this field. But, India right now is not focussed on ethical hacking. If you want to pursue a career in ethical hacking then you should look for a job out of India. Maybe in the future we will see the tech companies in India showing interest in ethical hacking."

To become a smart hacker, all one needs is a good sense of how applications work, knowledge of data structures and network algorithms, and what could you do to go beyond the expected output.

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HEALTHCARE AT HOME INTRODUCES UPSKILLING COURSES FOR NURSES AND PHYSIOTHERAPISTS

HealthCare at HOME (HCAH), a home healthcare solution provider, in association with Fortis Memorial Research Institute (FMRI), Gurgaon, has introduced a professional development course for nurses and CPD (Continuing Professional Development) UK accredited specialisation courses for physiotherapists.

NIRF RANKINGS 2019

The Ministry of Human Resource Development (MHRD) has released the National Institutional Rankings Framework (NIRF) Rankings 2019 and Indian Institute of Technology (IIT) Madras has bagged the top position as the 'Best Educational Institution' and 'Top Innovative Institution' in the first edition of Atal Ranking of Institutions on Innovation Achievements (ARIIA). The other institutions to hold positions in the NIRF 2019 rankings under the overall category are the Indian Institute of Science (IISc) Bangalore, which is at Rank 2 and IIT Delhi at Rank 3. While IIT Bombay is at Rank 4 and IIT Kharagpur at Rank 5, at Rank 6 is IIT Kanpur and at Rank 7 is Jawaharlal Nehru University, Delhi.

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BOOKING.COM PARTNERS WITH INDIAN UNIVERSITIES

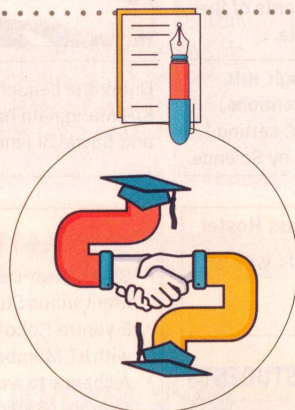
With an aim to bridge the gender divide in the tech sector, Booking.com has announced partnerships with two Indian universities to disburse scholarships to support and advance the prospects of women in STEM careers. The scholarships will be granted to 12 undergraduate and postgraduate women attending Thapar Institute of Engineering and Technology, Punjab, and the Indian Institute of Science Bangalore. Subjects include computer and information science, engineering, technology and mathematics. The grants will equal ₹1.3 crore across the two university agreements.

ISI AND UTS RESEARCH JOINT VENTURE

The Indian Statistical Institute (ISI) and the University of Technology Sydney's (UTS) Faculty of Engineering and IT have extended research cooperation by establishing a new joint research cluster (JRC). The cluster's focus areas will include artificial intelligence (AI), character and video recognition, document analysis and biometrics. Both institutions have strong research groups, capabilities with complementary strengths, and a joint body of work in the fields. Building on ISI and UTS expertise, the research cluster enables accelerated collaboration between researchers from both institutions to grow the scale of research.

INDIAN SPACE RESEARCH ORGANISATION (ISRO) SIGNS AN MOU WITH IIT ROORKEE

IIT Roorkee has partnered with the Indian Space Research Organisation (ISRO), Bengaluru, to set up an ISRO-IITR Space Technology Cell (STC) at IIT Roorkee. The agreement recognises the need to strengthen institutional interactions and enhance the scope of the activities pursued under STC. The ISRO-IITR STC will pursue advanced research in areas that are relevant to the future technological needs of the Indian Space Programme. The activities of STC will be directed to maximise the use of the research potential, infrastructure, expertise and experience that already exist in ISRO and IIT Roorkee. STC will consist of faculty members, visiting scientists and experts, research personnel, technical, administrative and support staff.



IMPACTALL 3D LEARNING APP

To make learning effective, immersive, and enjoyable, Impactall is launching the Impactall classroom app for schools. The app will help students overcome common obstacles faced while learning. Through 3D models, cross-sectional and longitudinal study will be enabled, leading to a deeper understanding of subjects. The app allows teachers to upload notes and its virtual reality applications offer lifelike 360-degree tours. The virtual reality application allows students to perform interactive experiments and go on virtual expeditions. The ease with which knowledge is imparted using the app encourages users to explore unfamiliar and challenging concepts and elicits curiosity.

IIT MANDI TECH INCUBATOR 'CATALYST'

Indian Institute of Technology (IIT) Mandi's Technology Business Incubator 'Catalyst' is inviting applications from, startups, innovators and aspiring entrepreneurs for the Himalayan Innovation Challenge, which aims to encourage entrepreneurs to develop technology solutions for problems unique to the Himalayan region. The initiative aims to find innovative technology-based solutions designed specifically to solve social and economic problems in the Himalayan region. IIT Mandi Catalyst will pick handful of most feasible ideas and enable willing innovators / entrepreneurs in prototyping, testing and implementing to create an impact in Himalayan region.