

Resume

KRISHAN KUMAR

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CARREER OBJECTIVE

I aspire to become a successful Teacher with true dedication and hard work contributing my Knowledge and skills with full commitment and confidence towards the Holistic Development of Students and Inspiring them to be good Human Being as well as Professional.

QUALIFICATION

Master of Technology, Software System, Guru Nanak Dev University, Amritsar, Punjab, INDIA| CGPA :9.32/10

Thesis: A Unified process Model of Software Protection and Its Performance Analysis.

B.Tech, Computer Science Engineering, Shaheed Bhagat Singh College of Engg. & Technology, Ferozepur, Punjab, INDIA | Percentage : 74%

Project: Developed Mass Mailing System and Website at IRC-UHV (Formerly Dept. of Value Education)- Punjab Technical University, Jalandhar.

PROFESSIONAL MEMBERSHIP

International Association of Engineers (IAENG)

PRACTICAL SKILLS AND KNOWLEDGE

- ❖ Matlab programming and Simulation.
 - ❖ Software Engineering & Research tools.
 - ❖ Reverse Engineering & Research Tools.
 - ❖ Computer: Excel, word, Power-Point, Window, Linux.
 - ❖ Data Mining- Weka tool
 - ❖ Programming Language: C, C++, Java, Assembly Language, CCNA, Tiki-Wiki CMS.
 - ❖ Code Obfuscation & Software Watermarking.
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AREA OF SPECIALIZATION & RESEARCH

- Software Engineering, Reverse Engineering, Software Protection, Malware Analysis, Soft Computing, Computer Networks, Human Values and Professional Ethics.

AREA OF INTEREST

- Computer Architecture, Image Processing, Distributed Operating System, Data Mining.
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SPECIAL ACHIEVEMENTS

- ❖ Participated and organized several events at college level and university level.
 - ❖ Member of PTU Human values Team.
 - ❖ I have organized and Participated 3rd International Conference in Human Values at Punjab technical University 2014.
 - ❖ I have participated and organized more than 8 Teacher Orientation Program on Human Values and Professional Ethics.
 - ❖ Continue working with IRC-UHV PTU as Volunteer in organizing workshops.
 - ❖ Guest Lectures in Government School on Career Counseling.
 - ❖ Cleared Ph.d Admission test at Guru Nanak Dev University, Amritsar.
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LEADERSHIP & VOLUNTEER EXPERIENCE

- Organized and Participated In National Service Scheme (NSS) Cancer awareness Camp at Talwandi Sabo, Bathinda, Punjab.
 - NSS Adventure Camp at Arunachal Pradesh.
 - Organized and participated in Blood Donation Camp at College.
 - Organized and Participated in 8 days NSS camp at Sultanpur Lodhi.
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RESEARCH AND PUBLICATION

1. As a part of academics I have prepared Number of Term Paper.
2. K.Kumar, P. Kaur “Vulnerability Detection of International Mobile Equipment Identity Number of Smartphone and Automated Reporting of Changed IMEI Number”, Int. J. Computer Science & mobile Computing, Vol. 4, Issue. 5, May 2015, pg.527 – 533, ISSN 2320-088X.

3. K. Kumar, P Kaur“ A Generalized Process of Reverse Engineering in Software Protection & Security”, Int. J. Computer Science & mobile Computing, Vol. 4, Issue. 5, May 2015, pg.534 – 544, ISSN 2320–088X.
 4. K. Kumar, P.Kaur“ A Thorough Investigation of Code Obfuscation Techniques for Software Protection”, Int. J. Computer Sciences & Engineering, Vol.-3(5), pp158-164, May 2015, E-ISSN: 2347-2693 Volume-3, Issue-5 E-ISSN: 2347-2693.
 5. K. Kumar, P. Kaur “Survey: Analysis of Code Obfuscation Tools and Techniques for Software Protection” accepted at The Institute of Doctors Engineers and Scientists (IDES).
 6. K. Kumar, V. Kehar, P. Kaur“ An Evaluation of Dynamic Java Bytecode Software Watermarking Algorithms” International Journal of Security and Its Applications, Vol. 10, No. 7 (2016) pp.147-156 <http://dx.doi.org/10.14257/ijisia.2016.10.7.13>
 7. K. Kumar, V. Kehar, P. Kaur“ A Comparative Analysis of Static Java Bytecode Software Watermarking Algorithms”, Vol 8. No. 4, December 2016, The African Journal of Computing and ICT, IEEE.
 8. K.Kumar, P.Kaur “A Comparative Analysis of Static and Dynamic Java bytecode watermarking algorithms”, Accepted for presentation and publication in 50th Annual Convention of CSI (CSI-2015). *To be published in Springer*, 2-5 Dec 2015, New Delhi, India. [Link to Conference](#).
 9. Atinderpal Singh, K. Kumar “Sos response to database queries”, Under review at Sadhana, Indian Academy of Science, published by Springer.
 10. K.Kumar, P.Kaur, “A framework of Unified Software Protection Process Model”, accepted at IJCSIS, August 2015.
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Workshop and Conference Organized

1. Organized 8 day workshop on “Human Values & Professional Ethics”, Conducted by IKG-Punjab Technical University, at Punjab Institute of Management and Technology, Mandi Gobindgarh from 3-30 June, 2014.
2. Organized 8 day workshop on “Human Values & Professional Ethics”, Conducted by IKG-Punjab Technical University, Amritsar College of Engineering and Technology, Amritsar from 14-21 June, 2015.

3. Workshop and Conference Organized

1. Participated 8 day workshop on “Universal Human Values & Professional Ethics”, organized by International Resource Center for Universal Human Values and Professional Ethics(IRC-PTU), at Sri Sai Group of Institutions, Manawala, Amritsar from 12-29 December, 2014.
2. Participated 3 day workshop on “Universal Human Values”, jointly organized by Department of Value Education, Punjab Technical University, Jalandhar & Value Education Cell, Himachal Pradesh Technical University, Hamirpur, at NITTTR 1-3 December, 2012.
3. Participated 8 day workshop on “Human Values & Professional Ethics”, organized by organized by Department of Value Education, Punjab Technical University, Jalandhar, at PCTE group of Institute, Baddowal, Ludhiana , from 12-19 June 2013.
4. Participated in 3rd International Conference on “**Human Values In Higher Education**”, at Punjab Technical University, Kapurthala, from 28th Feb -2nd March 2014.
5. Presented Paper at Computer Society of India CSI-2015, 50th Golden Jubilee Annual Convention on “Digital Life”, entitled “A Comparative analysis of Static and Dynamic Java Bytecode Watermarking Algorithms”, from 2nd -05th December, 2015.

PERSONAL DETAILS

Name: Krishan Kumar

Address: House No-6042, St no-7, Subash Colony, Power House, Batala Road, Amritsar.

Language Known: English, Punjabi, Hindi.

DECLARATION:

I do hereby declare that the particulars of information and facts stated here in above are true, correct and complete to the best of my knowledge.

KRISHAN KUMAR