



- Seeking a challenging job in a dynamic organization to contribute and support positively in achieving its goals in the field of Computer Sciences.

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## Educational Qualifications

- 2009**                      **BACHELOR (BSCS-Hons)**  
From Karakoram International University, Northern Areas, Gilgit  
(CGPA = 2.73) (Percentage = 68%)
- 2004**                      **INTERMEDIATE**  
From Board of Intermediate and Secondary Education Chakdara, Malakand Agency  
(Percentage = 45.6%)
- 2002**                      **MATRICULATION**  
From Board of Intermediate and Secondary Education Saidu Sharif, Swat  
(Percentage = 67%)

## Certification

- SHAKEEL COMPUTER TRAINING INSTITUTE, Thana Malakand Agency, N.W.F.P
- EDCONS INSTITUTE OF BUSINESS & TECHNOLOGY, 25,2<sup>nd</sup> Floor, Royal Plaza, 6<sup>th</sup> Road, Satellite Town, Rawalpindi

## Internship Program

- Worked as internee in NETTECH Software House (Evacuee Trust, Islamabad) since July 17, 2009 to October 17, 2009.

## Job Experiences

- Havedone job as a web developer in Nettech Software House (Evacuee Trust, Islamabad) Islamabad Since October 17, 2009 upto March 5, 2011.
- Now doing job as a senior web developer in HICON SOFT (F10-2) ISLAMABAD Since March 6, 2011 upto date.

## Skills

- PHP (Structured, OOPS, SMARTY)
- MYSQL
- MVC
- JQuery
- Javascript
- Ajax
- HTML, XHTML, HTML5
- CSS
- Online payment modules (Paypal, Worldpay, Sagepay, Liberty Reserve, etc)
- OSCommerce, Joomla, WordPress

## Projects

STRUCTURED AND OOPS PHP:

1. <http://www.psmexchange.com>  
Online E-Currency Exchanger
2. <http://xchangerfriend.com>  
Online E-Currency Exchanger
3. <http://www.justcodeit.ca>  
Fresh book API Integration
4. <https://ops-center.ca>  
Social Networking and google maps integration
5. <http://www.elitecanadian.net>  
Content Management System
6. <http://smithandfranklin.com/>  
Online Manuscript Submission
7. <http://k2parks.ca> (Wordpress)

8. <http://life-curated.com> (Wordpress)
9. <http://blog.kcolette.com> (Wordpress)
10. **Kismat Connection:** <http://hiconintl.com/dev/projects/kismatconnection/register>  
(Matrimonial Website, having chat module )
11. **The Gold For Ever:** <http://www.thegoldforever.com/>  
a. is a Multi Level Marketing Website.
12. **Corretor:** <http://www.corretor.co.uk/>  
a. Corretor is a brand new concept in selling used vehicles. You specify the price that you want to achieve for your car (we can help and advise based on current market prices) and then you leave the rest to us. We act as the broker between you "the seller" and potential buyers.
13. **Quality Clean:** <http://www.quality-clean.com/>  
a. Quality Clean London are a large team of professional cleaners and tradesman with many years of experience behind us. Each individual is highly skilled in his/her field and will provide to you a top quality service to meet your needs.
14. **ARM Residential:** <http://www.armresidential.com/>  
a. ARM Residential is a property letting and selling website.
15. **Logo Chair USA:** <http://logochairusa.com/>
16. **IT Linkers:** <http://www.itlinkers.com/>  
a. IT Linkers is a young, dynamic & rapidly growing software house specializing in emerging web design and development, e-commerce solution, search engine optimization and data base design services. IT Linkers already have a large client base in UK, USA, Australia, Malaysia, Nigeria and Dubai. It planned to rapidly grow with the help of extensive experience and links in the European IT industry.
17. **Exchange House:** <http://www.xchangehouse.com/>  
a. Xchange House is a professional e-currency exchanger and has provided services to more than 10000 clients through out the world for the last 7 years. Backed by rich experience, we know what our customers need speediness, reliability and lowest fees.
18. **2WomensHealth:** <http://www.2womenshealth.com/> (worldpay payment integration)  
a. the personal website of London consultant gynecologist David A Viniker MD FRCOG (Worldpay payment integration)
19. **KS-International:** <http://www.ks-international.com/> (search module in client and back end)  
a. K.S. INTERNATIONAL LTD is an internationally renowned supplier of Japanese truck, 4x4 and pick up parts for nearly two decades. Over the years we have established and specialized in ISUZU, MITSUBISHI and TOYOTA truck parts.
20. **Valid Coin:** <http://www.validcoin.com/>  
a. Valid Coin is such like a payment gateway or State Bank, which accept payments in USD, Euro and Goldgrams.
21. **Sawyer Music Studio:** <http://www.sawyermusicstudio.com/>  
a. Anwar Sawyer, Pianist and Vocalist, has performed as Marquese in La Traviata last year with Nyack College Opera. He just finished working on his first lead opera role as Gianni Schicchi in

Gianni Schicchi in 2010. He has also performed the role of Schaunard 2008 in La Boheme and Dancarrío in Carmen in 2007.

22. **FIX MY THINKING:** <http://fixmythinking.com/>
23. **Employee Portal:** <http://work.thanavalley.com/EmployeePortal/>
24. **Living Sofism:** <http://115.186.163.166/projects/TareeqatDev/>
25. **Almadina:** <http://115.186.163.166/projects/almadina/>
26. **Life Biological, Research and diagnostics Products;** <http://115.186.163.166/projects/biological/>
27. **MY Taxi Zone:** <http://www.mytaxizone.com>
28. **Eite business:** <http://www.eliteba.ca>
29. **Trade Inn:** <http://115.186.163.166/projects/tradeinn/>
30. **SHOPPING CARTS:**
31. **Bee My Guy:** <http://www.beemyguy.com/>
  - a. Beemyguy is a new dating website with new ideas a site where guys or girls wanting to meet beautiful girl just search for that perfect date get their mobile number e-mail address and make contact
32. **Mahatma Gandhi:** <http://www.m-gandhi.co.uk/> (having ajax based shopping cart)
  - a. Mahatma Gandhi has been providing quality Indian food since 1982 and being the first Indian takeaway in Essex have built up a respectable reputation for serving the finest Indian food over the many years that we have been open.
33. **Weald Place Farm Bees:** <http://wealdplacefarmbees.co.uk/>
  - a. Weald Place Farm Bees is a bees and honey collection farm. Where Hives are collecting for their employers. Including selling of honey, Educating their people about how to keep Hives more protective.
34. **Beauty Crackers:** <http://work.thanavalley.com/beauty/>
  - a. Beautycrackers is an exciting new way for you to indulge in your passionate for beauty products. Each month, members of Beautycrackers receive a selection of quality samples allowing them to “test-drive” products in the comfort of their home. We select the very best and give you the opportunity to find new favourites without the expense of buying full-sized products that you may not like.
35. **LyricPeddler:** <https://www.lyricpeddler.com/>
36. **Eazy To Buy:** <http://websolutionlive.com/developer/eazy2buy/>
37. **E-Business Bazar:** <http://hiconintl.com/dev/projects/e-businessbazar/>
38. **Electric Power:** <http://www.electpower.com/>
39. **JQUERY BASED SHOPPING CARTS:**

40. **CCShop TV:** <http://www.ccsshop.tv/> , <http://www.ccsellz.com/> , <http://www.cvvbank.com/>,  
a. CC Shop is a Credit cards website where a bunch of CCs, Dumps and Bank Logins are available.
41. **BigBuyerShop:** <http://www.bigbuyershop.com/> , <http://www.usellz.com/>  
a. BigBuyerShop is a Credit cards website where a bunch of CCs, Dumps and Bank Logins are available.
42. **Estampitas:** <http://www.inventive360.com/proyectos/estampitas/>
43. **INTERSPIRE:**
44. **Fire Place Store Online:** <http://www.fireplacestoreonline.com/> (checkout process)
45. **SMARTY:**
46. **B&A Dairies:** <http://www.badairies.co.uk/> (all payment modules)  
a. B&A Dairies are Coventry's leading doorstep delivery service. We deliver milk, bread, eggs and many other products straight to your door.
47. **OS COMMERCE & WRODPRESS:**
48. <http://www.natural-herbal-remedy-supplements.com/> and <http://www.gogreenremedy.com/>
49. Menu customization on both sites through php curl.
50. **JOOMLA:** <http://www.thanavalley.com>

## Final Year Project

- Have developed a web site on module “**Online Patient Information System**” for DHQ: Hospital Batkhela Malakand Agency. Programming languages used (**php** “open source” as front end and **My SQL** as back end).

## References

References and Certificates will be furnished on request.



# KOHAT UNIVERSITY OF SCIENCE & TECHNOLOGY

## GRADUATE ADMISSIONS (Fall-2013)

The Kohat University of Science & Technology invites applications for admissions to MBA (1.5 Year), MBA (2.5 Year), MPhil/MS and PhD programmes in various disciplines as per following details:

| Programme         | Discipline                                                                                                                                                                                                                                                         | Eligibility                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MBA<br>(1.5 Year) | <ul style="list-style-type: none"><li>Management Sciences</li></ul>                                                                                                                                                                                                | BBA (4-Years) with at least CGPA of 2.50 on the scale of 4.00 from HEC recognized University/ Degree Awarding Institution.                                                                                                     |
| MBA<br>(2.5 Year) | <ul style="list-style-type: none"><li>Management Sciences</li></ul>                                                                                                                                                                                                | MA/MSc/MBBS/BS/BE or Equivalent Non-Business Degree with 1 <sup>st</sup> division or CGPA of 2.50 on the scale of 4.00 from HEC recognized University/ Degree Awarding Institution.                                            |
| MS                | <ul style="list-style-type: none"><li>Management Sciences</li></ul>                                                                                                                                                                                                | BBA(Hons)/BCom(Hons)/BPA(Hons)/ MBA/MCom/MPA with 1 <sup>st</sup> division or CGPA of 2.50 on the scale of 4.00 or CGPA 3.00 on the scale of 5.00 from HEC recognized university/Degree Awarding Institution                   |
| MPhil/MS          | <ul style="list-style-type: none"><li>Chemistry</li><li>Zoology</li><li>Botany</li><li>Mathematics</li><li>Microbiology</li><li>Biotechnology &amp; Genetic Engineering</li><li>Computer Science</li><li>Education</li><li>Social Work</li><li>Sociology</li></ul> | Master Degree/Bachelor Degree (04 year) in relevant discipline with 1 <sup>st</sup> division or CGPA of 2.50 on the scale of 4.00 or CGPA 3.00 on the scale of 5.00 from HEC recognized University/Degree Awarding Institution |
| PhD               | <ul style="list-style-type: none"><li>Chemistry</li><li>Zoology</li><li>Botany</li><li>Biotechnology &amp; Genetic Engineering</li><li>Mathematics</li><li>Computer Science</li><li>Management Sciences</li><li>Education</li></ul>                                | MPhil/MS/Equivalent Degree (18 year education) in the relevant discipline with 1 <sup>st</sup> division or CGPA of 3.00 on the scale of 4.00 from HEC recognized University/Degree Awarding Institution                        |

### Note

- For admission to MBA, MPhil/MS Programmes, the candidates must not have less than 45% marks in any examination
- For admission to MBA, MPhil/MS Programmes, the candidates must have passed GAT-(General)/ Equivalent conducted by NTS with at least 50% score.
- For admission to PhD Programmes, the candidates must have passed International GRE (subject) with minimum 60% percentile score or GAT-Subject (NTS) with minimum 60% cumulative score.

For admission to **PhD in Biotechnology & GE**, a Test will be conducted by the Departmental Committee on 26th September, 2013 and the qualifying score shall be 70%.

### Instructions

- Prospectus and Admission Forms can be obtained free of cost from the Directorate of Academics and the Admission Form can also be downloaded from KUST website: [www.kust.edu.pk](http://www.kust.edu.pk).
- Admission Form must be supported by the following documents:
  - Application processing fee of Rs.1,000/- deposited in KUST account in HBL KUST Branch or a Bank Draft of Rs. 1,000/- in favor of Director Finance KUST.
  - Attested photocopies of certificates and degrees of all examinations passed.
  - Attested photocopy of the relevant result card valid up to the last date of Form submission
  - Attested photocopies of Domicile and National Identity Card
  - Attested 04 recent passport size photographs
  - A Research Proposal and two reference letters (for PhD only)
- The in-service candidates must submit Admission Forms through proper channel along with required documents including NOC from the parent departments. After the confirmation of admission, such candidates shall provide approval of study leave for the entire duration of the degree programme.
- All information will be displayed on the Notice Board of concerned department/ institute and will be uploaded on KUST website. No separate Call-letter will be issued for offer of admission, interview, and fee deposit.
- Admission Form other than the prescribed one/ not duly filled in/ not supported by the required documents/ without fee/ not received up to the last date of form submission, shall be rejected.
- Original documents shall be presented to the concerned Admission Committee at the time of interview.
- The University reserves the rights to withdraw the offer of admissions in any program without assigning any reason

### **Director Academics**

Phone #: 0922-52914753, 52914724, 52914715

### Schedule

Last date of Form submission: 1<sup>st</sup> October 2013

Interview : 3<sup>rd</sup> October 2013

Display of Merit List : 4<sup>th</sup> October 2013











EBV\_inver primer  
SV40\_PA\_terminator  
CRF frame 1  
NLS  
SV40 NLS  
SV40\_3\_splice  
SV40\_int

truncHIV-1\_3\_LTR  
HIV-1\_5\_LTR  
HIV-1\_gsi\_pack  
NruI (833)  
RRE

CRF frame 1  
gPPT  
CAS enhancer  
NdeI (2412)  
CMV\_Immeary\_promoter  
CMV\_fwd\_primer  
tetO  
XbaI (2794)  
bGloB\_int

CMV

IVSb(beta-globin intron)

Fluc

Spel (3373)  
attB1  
CRF frame 2

EMCV IRES

TagRFP

attB2  
XhoI (5139)  
IRES  
NheI (5733)  
CRF frame 3

PacI (7081)  
HIV-1\_5\_LTR  
truncHIV-1\_3\_LTR  
U3PPT  
gPPT  
SacII (6456)

SV40pro\_F\_primer  
SV40\_enhancer  
SV40\_origin  
SV40\_promoter  
pBABE\_3\_primer  
pBR322\_origin

ORF frame 3  
Ampicillin

Sequence 12850 bp

Bicistronic lentiviral vector for expressing a gene of interest (firefly luciferase, in this example) in the first cistron with TagRFP in the second cistron. This plasmid is derived from the parental DEST vector pTRIP.CMV.IVSB.ires.TagRFP-DEST. It was generated by performing an LR reaction with LR Clonase II (Invitrogen) and pENTR221.Fluc. This plasmid is used to generate lentivirus stocks in conjunction with pCMV-gag-pol and pCMV.VSVg.

CMV promoter: 2411-2794  
Beta globin intron: 2794-3373  
Fluc: 3437-5089  
EMCV IRES: 5147-5733  
TagRFP: 5739-6452

Recommended host strains: MDS42Rec (from Scarab Genomics) or DH5α  
Resistance: ampicillin (100 µg/ml)

Copy number: high

## **Lentivirus particle production**

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To generate lenti PP, three plasmids are needed: pTRIP, pCMV-VSVg, and pGag-pol.  
For generating PP, The steps are as follows:

1. The day before transfection of DNA, split 293T and plate 400,000 cells/well on a 6 well plate that has been coated with poly-lysine.
2. The day of transfection, mix 6ul XtremeGene9 (Roche Cat# 06365809001) into 100ul Optimem (Invitrogen Cat# 51985-034) and let stand for 5 min...if there are many samples, a master mix can be made.
3. Aliquot DNAs into eppendorf tubes. The ratio of the plasmids for lentivirus production is:  
pTRIP(GFP): 1.0ug  
pCMV-VSVg: 0.2ug  
pGag-pol: 0.8ug
4. Add 106 ul of the Optimem/XtremeGene9 mix to the DNA samples. Let this mix stand for at least 20 minutes at room temp.
5. During this 20min, change the media of the cells to DMEM (Invitrogen Cat#11995-065)/3%FCS/1%NEAA. Use 1.0ml media per well.
6. Add DNA mix to cells drop-wise and place back in incubator. Swirl plate to mix. 6 hours post-transfection, change media to 1.5 ml DMEM/3%FCS/1%NEAA.
7. 48 hours post-transfection, gently harvest the media from the cells. Add 1.5ml of fresh media (DMEM/3%FCS/1%NEAA) to the cells. Place the snap-cap tubes in a rack in the 4C fridge until the next day.
9. The next day (at 72 hours), repeat the harvesting as above. To each prep, add HEPES to a final concentration of 20mM and polybrene to final concentration of 4ug/ul.
10. Spin the 5ml tubes containing the supernatant at 1500rpm (520G) for 5 min in the table-top centrifuge to pellet cell debris. Alternatively, samples can be passed through a 0.45um syringe filter. Aliquot the supernatant into desired volume. Store at -80C.

## **References**

### **A diverse range of gene products are effectors of the type I interferon antiviral response.**

Schoggins JW, Wilson SJ, Panis M, Murphy MY, Jones CT, Bieniasz P, Rice CM.  
*Nature*. 2011 Apr 28;472(7344):481-5