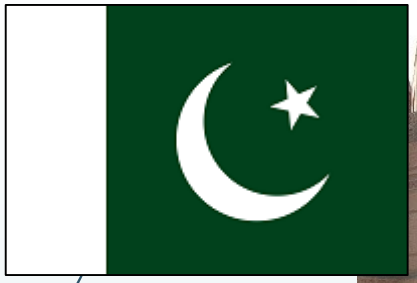
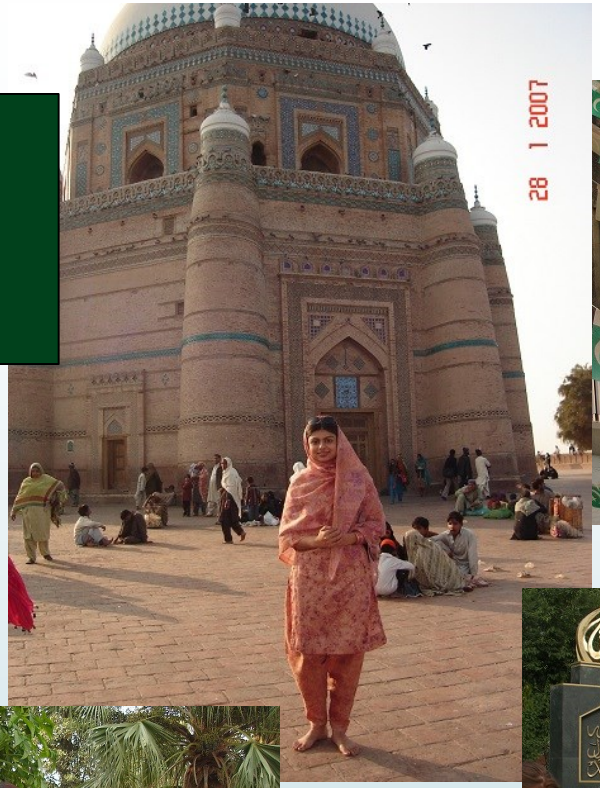
Dr. Bushra Anjum

“MS or PhD WHICH SHOULD YOU CHOOSE?”

Amazon Prime

San Luis Obispo





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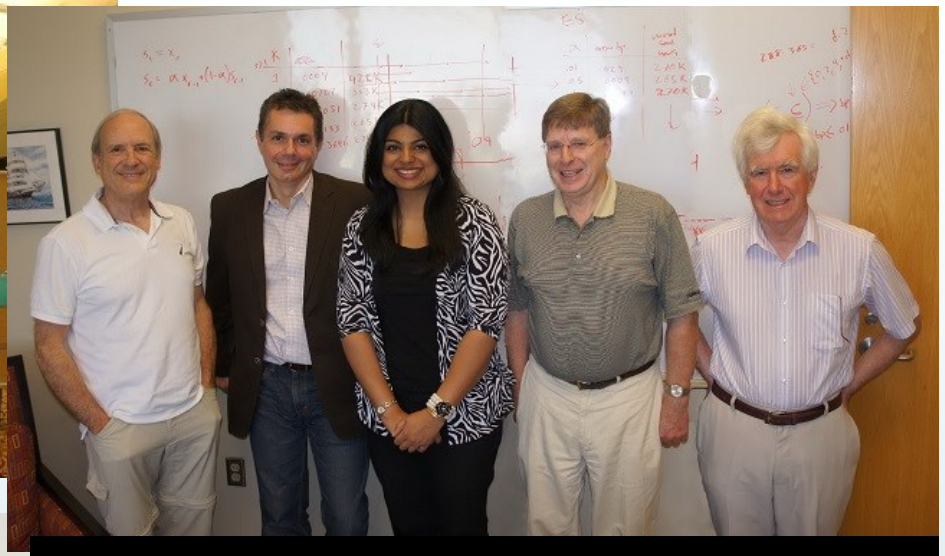
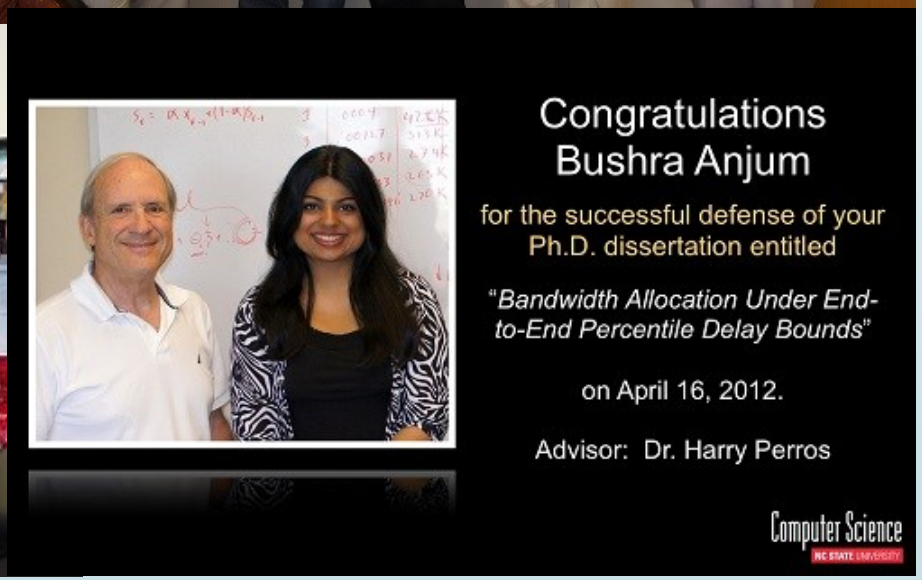
NORTH CAROLINA STATE UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
Graduate Student Demographics
21 9 2007

Pakistan - 1 student

Percentiles are Non-Additive




Congratulations
Bushra Anjum
for the successful defense of your
Ph.D. dissertation entitled
"Bandwidth Allocation Under End-to-End Percentile Delay Bounds"
on April 16, 2012.
Advisor: Dr. Harry Perros
Computer Science
NC STATE UNIVERSITY

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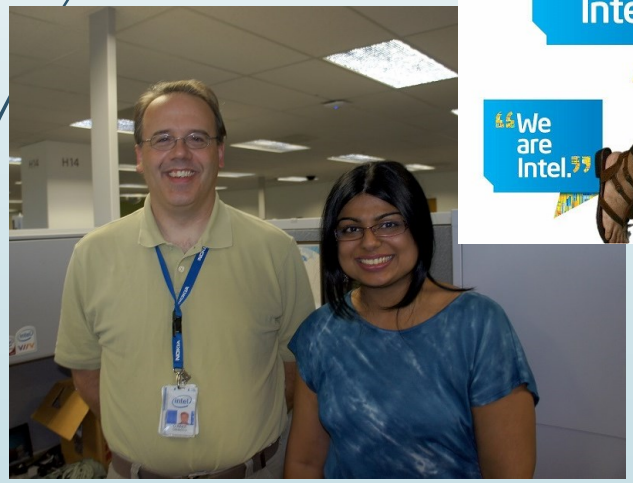
intel
We are Intel.



Welcome
Seminar on
"Computer Networks, A Journey"
March 18, 2013
Speaker : Dr. Bushra Anjum
Assistant Professor, Computer Science
Organized by
TechBits Society
Department of Computer Science Air University Multan Campu
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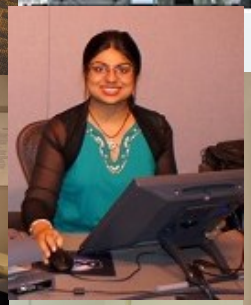
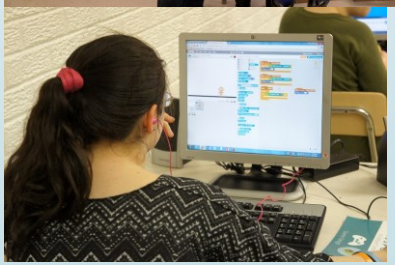




MISSOURI S&T
University of Science & Technology

amazon

amazon Prime

amazon
work hard. have fun. make history.
amazon

CRA-W
GradCohort

amazon

I am glad I got a PHD, I would do it again!

The Algorithm (CS)

```
if (I.LoveLoveLoveProgramming)
    PersueMasters(); //industry, entrepreneurship
elseif (I.LikeProgramming AND I.WantMoneyBefore30) {
    if (RAND(0, 1.0) < 0.6)
        FinishBachelors();
    else
        PursueMasters();
}

elseif (I.LikeProgramming AND I.BelieveTheTruthIsOutThere)
    PursuePhD(); /*research, tenure track, teaching,
   industry, labs, entrepreneurship*/
elseif (I.DontLikeProgramming){
    FinishBachelors();
    BecomeASurfer();
}
```

MS OR PHD: WHICH SHOULD YOU CHOOSE?

TAMMARA COMBS, PHD

@TAMMARACOMBS

@BIZNISSMOM

ENTREPRENEUR

- Brand Management
- Marketing Technology
- Product Development
- Corporate Strategy
- Celebrity Seeding
- Real Estate Investing

Serendipity interactive

PATH TO PHD

- Bachelor of Science in Computer Science & Mathematics ’97
- Master’s of Science in Computer Science: Human Computer Interaction ’99
- Doctor of Philosophy in Information Science ’08

  Dissertation Title: “Understanding Community: The Implications of Information Flow and Social Interactions in Online Discussion Groups”

SENIOR ENGINEER

Outlook v.1

Expedia v.1

IdeAgency

CORPORATE VICE PRESIDENT

Lowes.com replatform & redesign

MyLowes

How do the experiences compare?

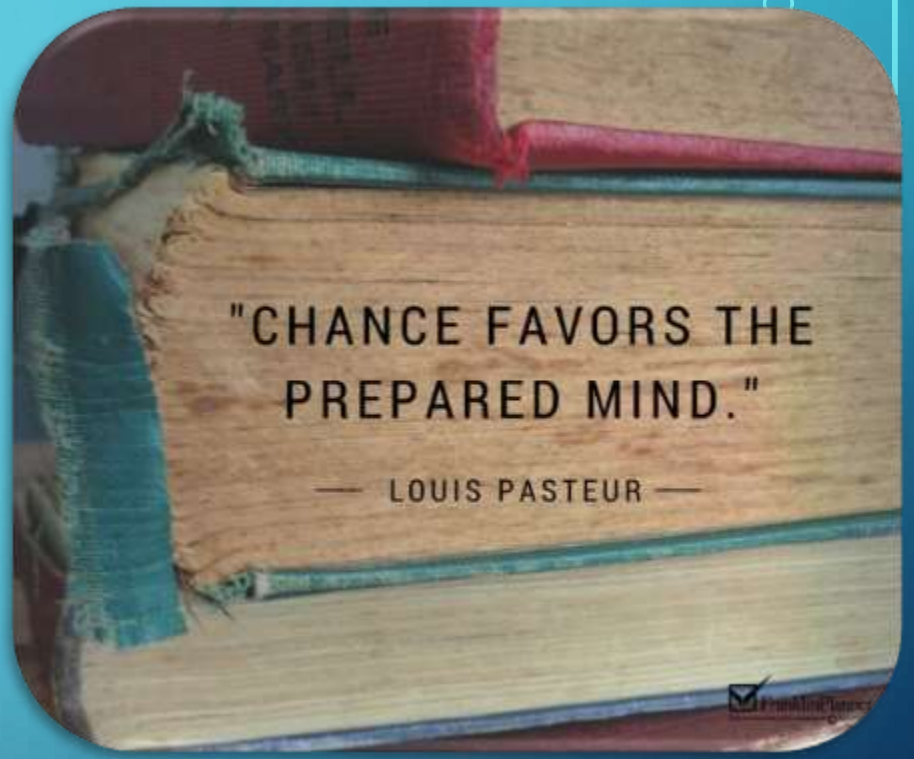
Master's Degree	Ph.D. Degree
Coursework + Project or Thesis Program may consist entirely of coursework.	Coursework + Research + Dissertation Emphasis on developing research skills
Many different types of programs Some emphasize breadth Some have special focus Some combine both	Develop general knowledge through coursework and/or exams Specialized knowledge through area exams or projects Majority of time spent becoming expert in a particular research area
1-2 years if full-time Can be done part-time	3-7 years (most often 4-6) Programs typically expect a full-time commitment

LIFESTYLE CONSIDERATIONS

- Married or Single?
- Children?
- Work while in school?
- Support system?
- Why are you pursuing your advanced degree?

LESSONS LEARNED

- Relationships are super valuable
- Support system has to align with goals
- Helped entrepreneurial endeavors (grit & fortitude)
- Credibility with those in industry & academia
- Great conversation starter
- Working FT during PhD is hard!
- Having babies during PhD is harder!!



<u>1 decade of earning advanced degrees multiplied my options!</u>