

## Pelin ANGIN



### Local Address:

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### Education

- 2007 - Present **Purdue University, College of Science**  
PhD, Computer Science  
(Research in Statistical Relational Learning under supervision of Asst. Prof. Jennifer Neville)  
Full scholarship awarded by Purdue University  
CGPA: 3.86 / 4.00
- 2003 - 2007 **Bilkent University, Faculty of Engineering, Turkey**  
B.S., Computer Engineering  
Full scholarship awarded by Bilkent University  
Graduation GPA: 3.92 / 4.00

### Work Experience

- January 2009 - Present Teaching Assistant for Java Programming at Purdue University
- August - December 2008 Teaching Assistant for "Introduction to Artificial Intelligence" at Purdue University
- June - August 2006 Software Test Engineering Intern at Borland, Turkey
- June - August 2006 RETINA Research Project – Bilkent University, Turkey:  
Content-based image/video classification and retrieval software development
- October – December 2005 Computer Engineering Tutor – Bilkent University, Turkey
- June 2005 Software Test Engineering Intern – TRT Broadcast Archives Department, Turkey

### Technical Skills

- Programming:** Java (Advanced), C (Advanced), C++ (Advanced), Python (Intermediate), SQL (Advanced), PL/SQL (Advanced), PHP (Advanced), MatLab (Advanced), HTML (Intermediate), Qt (Intermediate)
- Operating Systems:** Windows 95/98/2000/NT/XP/Vista (Advanced), Linux (Advanced), Unix (Advanced), Mac OS X (Advanced)

### Publications

A Shrinkage Approach for Modeling Nonstationary Relational Autocorrelation. P. Angin, J. Neville. *IEEE International Conference on Data Mining*, 2008.

## Projects

- Relational Database System implementation (in Lex&Yacc, C, UNIX environment)
- Distributed Newsgroup Database Management System implementation (in C, UNIX environment)
- Group Management Protocol implementation (in C, UNIX environment)
- Web Portal Generation for domain-specific search (focused crawler implemented in C and Python)
- Peer-to-peer file sharing application in C (UNIX environment)
- File System Design and Implementation in C (UNIX environment)
- Supervised and unsupervised classifier implementation for prediction in biological domains (Matlab)
- Internet Router Simulation in C (UNIX environment)
- Football League & Bet System Database design and web-based implementation in PHP & MySQL
- Matrix based programming language design and parser implementation using Lex & Yacc
- Two-player arcade game implementation in Java

## Honors and Awards

- Ross Fellowship (tuition waiver of \$20,000 and monthly stipend of \$1560) awarded by Purdue University
- High Honor Student for all semesters during undergraduate study at Bilkent University
- Ranked 312<sup>th</sup> among 1.5 million entrants in the Turkish Nationwide University Admissions Exam, 2003
- Ranked 1<sup>st</sup> among 700 students at graduation from TED Ankara College Private High School, 2003
- “Google Workshop for Women Engineers” Scholarship, January 2009

## Languages

Turkish (Native), English (Advanced, TOEFL: 290/300), French (Intermediate), Italian (Intermediate), Japanese (Beginner), Spanish (Beginner)

## Conference/Workshop Presentations

- “A Shrinkage Approach to Modeling Nonstationary Relational Autocorrelation.” IEEE International Conference on Data Mining, Pisa – Italy. December 15-19, 2008.
- “A Shrinkage Approach to Modeling Nonstationary Relational Autocorrelation.” SIGKDD ACM Workshop on Social Network Mining and Analysis, Las Vegas. August 24, 2008.

## Extracurricular Activities

- Vice President of *Turkish Student Association* at Purdue University, 2008
- Member of *Women In Computing* Group at Purdue University, 2007
- Founding member and treasurer of United Nations Turkey Association -Youth Section, 2006
- Member of *Special Interest Group on Artificial Intelligence* at Bilkent University, 2006
- Member of administrative board of *Young Enlightenment Club* at Bilkent University, 2006
- Member of Bilkent University *Marketing and Advertisement Club*, 2004
- Member of Bilkent University *Engineering Society*, 2004
- Served in the *Volunteer Education Project* of Bilkent University Engineering Society, 2004

**References:** available upon request