CURRICULUM VITAE

Emre VAROL

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Batikent/ANKARA TURKEY

OBJECTIVE

A graduate position as a researcher, which makes the best use of my academic background and abilities.

EDUCATION

2010-…	**Bilkent University, Ankara**
	• M. S. Computer Science
2005-2010	**Bilkent University, Ankara**
	• B. S. Computer Science
	• 3.64/4.00 CGPA
2002-2005	**Samanyolu Private Science High School, Ankara**
	• 4.96/5.00 CGPA

SELECTED EXPERIENCES

- *Summer Internship at Yahoo! Research @Barcelona*
  - o 2009, 2010   Summer
- *Teaching Assistantship in TUBITAK Olympiads in Informatics Training Camps   METU, TURKEY*
  - o 2005 … 2010   Summer, Winter
- *Teaching Assistantship in CS351 Data Organization and Management Systems Course Bilkent University*
- *Summer Internship at LBS(Logo Business Solutions)*
  - o 2008   Summer

COMPUTER SKILLS

Languages: Advanced in C/C++, JAVA

Familiar with Pascal, Delphi, Scheme, Verilog, HTML, SQL, MSSQL

Operating Systems: Windows ('98, Me, NT/2000, XP, Vista, 7), Linux(Fedora, Pardus, Ubuntu, Mandriva)

Applications: Netbeans, Eclipse, MS Office, OpenOffice, Dev-C++, Xilinx, Visual C++, CVS, Borland Delphi 7

SELECTED PROJECTS

- *Containment Detection in News Corpora* (2010) Detection of document pairs that convey nearly the same information in an efficient way (with a research group using JAVA)

- *Fault Monitoring and Detection System in Linux* (2008) Controlling and limiting some significant attributes of processes and threads in Linux environment. (with a group of 4 engineers using C and JAVA)
- *Emergency Guide* (2007). Simulation of a new system of ambulances distributions in case of emergency (with a group of 4 engineers using JAVA).
- *Functional Based Text Encryption using Genetic Algorithms* (2005) (with a partner using C).

PUBLICATIONS

- *Query Forwarding in Geographically Distributed Web Search Engines.* Cambazoglu B. B., Varol E., Kayaaslan E., Aykanat C., Baeza-Yates R., *In Proc. of SIGIR 2010*, pp. 90-97.

SELECTED AWARDS

2010:	Graduated from Bilkent CS Department in 3.5 years
	Ranked 1st in Bilkent IEEE Computer Society Programming Competition
2009:	Ranked 1st in 12th METU Programming Competition
2008:	Ranked 10th in IEEEXtreme Programming Contest
2005-…:	Full Scholarship awarded by Bilkent University and TUBITAK
2005:	3rd Prize in Computer Science at National Research Project Competition for High Schools organized by TUBITAK
	Participated in the 17th International Olympiads in Informatics (IOI'05) in *Nowy Sacz, Poland*
2004:	Ranked 1st and received Gold Medal at the National Olympiads in Informatics organized by TUBITAK
2002-2005:	Full Scholarship awarded by Samanyolu Private Science High School
2002:	Ranked 82nd in National Science School Entrance Examination among 1 million students

AFFILIATIONS

2006-2009:	Membership of *Bilkent Engineering Society*
2008-2009:	Membership of *Collaborative Systems Group*
2008-2009:	Membership of *Distributed Computing Theory Research Group* in Bilkent CS Department
2009-…:	Membership of *Parallel and Distributed Computing Research Group* in Bilkent CS Department
2010-…:	Membership of Information Retrieval Group in Bilkent CS Department

INTERESTS

Academic:	Information Retrieval, Search Engines, Combinatorial Algorithms, Artificial Intelligence, Heuristics in Optimizations, Approximation Algorithms.
Sports:	Soccer, table-tennis, swimming, F1, baseball, squash.
Other:	Recreational math, puzzles, using Linux systems, PC games, reading, and chess.

REFERENCES

Available upon request.