

## B.Burak Arslan

---

### PERSONAL INFORMATION

*Birth Date and Place:* 1983, Istanbul  
*Nationality:* Turkish  
*E-mail:* burak.arslan@arskom.com.tr  
*Languages:* Turkish(native), French(fluent), English(fluent)

### PROFESSIONAL EXPERIENCE

Arskom Group	Istanbul	2005-...	Engineer
I'm serving as the Chief Technology Officer of Arskom Group of Companies.			
iDirect Technologies	Washington, DC	Jul-Sep 2005	Intern
I've worked on a large cross-platform client/server application written in C++: I added a traceroute module to the system. I am also a certified administrator of iDirect satellite hubs.			
Nera Satcom AS.	Oslo	Aug-Sep 2004	Intern
In the technical support department, I was trained to test and identify problems on Nera's DVB/RCS and Fleet equipment.			
Inmarsat Ltd.	London	Jul-Sep 2003	Intern
I worked on a project that consisted of evaluating the performance of popular end-user software on Inmarsat's satellite based network. I've written a project report that was partly published in Ocean Voice Magazine's Jan. and Mar. 2004 issues.			

### EDUCATION

Sabanci University	Istanbul	2006-2009	Msc. in Comp. Sci.
Galatasaray University	Istanbul	2002-2006	Bsc. in Comp. Eng.
Lycée Saint-Joseph	Istanbul	1994-2002	

### SELECTED PROJECTS AND RESEARCH

I'm mainly interested in statistical approaches to natural language processing.

- *Msc. Thesis:* An Approach to the Morphological Disambiguation Problem Using Conditional Random Fields, advised by Prof. Kemal Oflazer
- *BSc. Thesis:* A Logical Model for Turkish, advised by

I'm also interested in various other CS topics:

- *Coursework:* Study of approaches to trust mechanisms between distributed computation nodes, and implementation of a simple verification algorithm.
- *Coursework:* High Dynamic Range Rendering with OpenGL

### SKILLS

Languages and Platforms:

C/C++ (mostly on Linux), Python, SQL(psql and db2), Javascript (esp. with Qooxdoo)

Applications and APIs:

GNU Scientific Library, Blas (Atlas), OpenGL, SDL, Posix, BerkeleyDB, Judy, L<sup>A</sup>T<sub>E</sub>X, Networking (iptables), various unix daemons, Xen.

## VOLUNTARY

### Institut Gaspard-Monge:

I contributed a base system that could be used as a statistical collocation extractor to the LGPL-licensed corpus processor `Unitex`.

### GSULinuX:

I'm serving as administrator, programmer and instructor in GSULinuX, Galatasaray University's LUG, since 2004.

## MISCELLANEOUS

References and further personal information could be made available upon request. This document was last updated on December 4, 2009.