

# Curriculum Vitae

## Aydın Can POLATKAN<sup>1,2</sup>

### <sup>1</sup> PhD Candidate

Universität Tübingen, Wilhelm-Schickard-Institut  
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### <sup>2</sup> Business Development Director

Mantis Software and Consultancy Company  
Hacettepe Teknokent 3. Ar-Ge Binası No:20  
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### Personal Information:

*Available on e-mail request.*

### Educational Background:

2007-Today	University of Tübingen	:	PhD Candidate @ Wilhelm Schickard Institut für Informatik
2004-2007	Baskent University	:	Master of Computer Engineering
2000-2004	Baskent University	:	Bachelor of Computer Engineering
1993-2000	TED Ankara College	:	
1988-1993	Ayranci Primary School	:	

### Professional Experience:

2007-Today	<b>Business Development Director;</b> Mantis Software and Consultancy Company, Ankara, Turkey.
2004-2007	<b>Research Assistant;</b> Department of Computer Engineering, Baskent University, Ankara, Turkey.
2003	<b>System Developer;</b> Research and Development Department, Central Bank of the Republic of Turkey
2002	<b>Software Developer;</b> Software Department, Meteksan System and Computer Technologies Inc., Ankara, Turkey.

### Spoken Languages:

English (advanced), German (beginner+), Spanish (beginner), Turkish (mother tongue)

### Active Roles:

Research Assistance in Baskent University actively told several lectures and laboratory sessions  
Brokerage Event 2 Aalborg Denmark as Business Development Director  
EU 7<sup>th</sup> Frame Programme in Istanbul Turkey Active Participant for Baskent University  
Microsoft Academic Days 2006 in Istanbul Turkey Participant for Baskent University  
Erasmus Coordinator of Baskent University Engineering Faculty  
Activity Organizer and Internship Coordinator in Baskent University Engineering Faculty

### Previous and Current Projects:

Mantam: Turkish Search Engine [**National Funded Project**]  
Research on Image Based Rendering and 3D Reconstruction of Image Based Data [**PhD**]  
Finding Patterns and Extracting Tactical Plans from Sports Data using RFID Technology SPECTAC-ID [**FP7 Project Proposal**]  
Research on Video Processing and Mining on Video Related Data  
A Data Fusion Approach in Protein Homology Detection [Master of Science Thesis]  
Computational Representation of Protein Sequences for Homology Detection  
Obstacle Avoidance Approach for a Mobile Robot  
Performance analysis comparison of GA, Hopfield nets and Kohonen SOM on TSP  
Multiple Traveling Salesman Problem with Artificial Neural Network Approach  
Application Development with J2ME, MIDP and Personal Java for Symbian OS, Symbian Programming  
Stock Manager Automation System Design and Implementation  
Web Services Application Development for Central Bank of the Republic of Turkey Systems R&D Department  
ATS, Airline Ticketing System Documentation, Software Requirements and Design

### Experienced In:

C, C++, C#, ASP.NET, VBasic, JAVA, Visual Studio .NET, MS SQL, PL/SQL

### Publications:

Polatkan, A.C., Ogul, H., Sever, H. "A Data Fusion Approach in Protein Homology Detection", International Conference on Biocomputation, Bioinformatics, and Biomedical Technologies, BIOTECHNO08, IEEE Computer Society Press, 2008

