

Pinar Yanardag

CONTACT INFORMATION	ypinar@purdue.edu pinar@pardus.org.tr http://www.pinguar.org
RESEARCH INTERESTS	Machine Learning Social and Mobile Web Human-Computer Interaction
EDUCATION	<p>Purdue University, West Lafayette, Indiana, USA http://www.cs.purdue.edu Ph.D. in Computer Science, Aug 2010- Present</p> <p>Bogazici University, Istanbul, TURKEY http://www.cmpe.boun.edu.tr M.Sc. in Computer Engineering, Feb 2009- Jun 2010 GPA: 3.38/4.00 (Completed the program in 3 semesters)</p> <ul style="list-style-type: none">• Master's Thesis: "An Interactive Web-Based Machine Learning Suite"• Advisor: Prof. Ethem Alpaydin <p>Canakkale Onsekiz Mart University, Canakkale, TURKEY http://ce.comu.edu.tr B.Sc. in Computer Engineering, Sep 2003- Jun 2007 GPA: 3.21/4.00 (Ranked as 2nd among the graduating seniors of CE department)</p> <ul style="list-style-type: none">• Graduation Project: "Signing and Verifying Packages with Public Key Cryptography"• Advisor: Dr. Necdet Yucel <p>Bodrum Anatolian High School (BAL), Mugla, TURKEY http://www.bodrumanadolulisesi.k12.tr Division of Mathematics and Science, 1999- 2003</p>
HONORS AND AWARDS	Google Anita Borg Memorial Scholarship EMEA, 2010 Purdue University Full Tuition Award, 2010-2011 Fulbright Ph.D. Scholarship, 2010-2011 Google Summer of Code Mentor, Google, 2008-2009 Google Summer of Code Student, Google, 2007 The Most Hard-Working Person of the Year, Linux Users Association of Turkey (LKD), 2007 The Most Successful Maintainer of the Year, Linux Users Association of Turkey (LKD), 2006
GRANTS	Grace Hopper Celebration of Women in Computing, Scholarship, 2010 ICML International Conference on Machine Learning, Google Grant Winner, 2010 Scipy Scientific Python Conference, Grant Winner, 2010 QCon London International Software Development Conference, Google Grant Winner, 2010 Linux.conf.au Conference, Australia Grant Winner, 2009

PROFESSIONAL AND
RESEARCH
EXPERIENCE

Perceptual Intelligence Laboratory, Member
(Department of Computer Engineering, Bogazici University)

Dec, 2009 - Jul, 2010

I have developed an interactive, web-based machine learning framework under supervision of Prof. Ethem Alpaydin. This framework allows users to run, compare and analyse the datasets with a wide range of classification, dimensionality reduction, hypothesis testing, integration and evaluation methods. The framework and the machine learning algorithms are coded in Python/Django.

- View online demo: <http://www.ml-lab.com>

TUBITAK UEKAE, Security Team Leader/Researcher **Nov, 2007 - Nov, 2009**
(Turkish NSF - National Research Institute of Electronics and Cryptography)

I led Pardus Security Team which was responsible for resolving security vulnerabilities affecting the security of Pardus Linux and issuing security advisories and I directly worked with Linux vendors via vendor-sec.

I also worked as a software developer and developed user interface projects with Qt (C++/Python).

- Pardus is a GNU/Linux distribution, founded by TUBITAK (Turkish NSF)
<http://www.pardus.org.tr>

Google, Mentor **June, 2008 - Sep, 2008 & June, 2009- Sep, 2009**
(Google Summer of Code 2008-2009)

I mentored two students for Google Summer of Code Program to develop user interface projects with Python/Qt.

Parkyeri, Project Manager/Software Engineer **Aug, 2007 - Nov, 2007**
(Parkyeri has been selected as the fastest growing Internet company in Turkey by Deloitte in 2007)

I worked as a project manager for a leading holding company's e-commerce website as well as developing Web 2.0 projects with PHP and PostgreSQL.

Canakkale Onsekiz Mart University's Computer Center, Part-time system admin
June, 2005 - July, 2007

I was in charge of supporting and installing different GNU/Linux distributions and Solaris to servers, labs and students' computers at the university.

LANGUAGES AND
TOOLS

- Languages (in order of experience): Python, Ruby, C, C++, Java, Php
- GUI Programming: Qt, PyKDE, GTK, Tk
- Tools: Git, Svn
- Frameworks/Databases/Libs: Rails (RoR), Django, PostgreSQL, MySQL, Matplotlib, SciPy
- Operating Systems: Linux (mostly Pardus and Debian)

PUBLICATIONS

"Data Collection in Semantic Web", Poster Presentation
GHC 2010, Atlanta, GA, USA (To be appear)

"An Interactive Web-Based Machine Learning Suite", Poster Presentation
Google Scholar's Retreat, 2010, Google Zurich, Switzerland

"An Interactive Web-Based Machine Learning Suite", M.S. Thesis
Bogazici University, Department of Computer Engineering, 2010.
Thesis Advisor: Prof. Ethem Alpaydin

INVITED TALKS

Invited Speaker, "Why Code for Free?"
Yeditepe University, Istanbul, Turkey, May 2010
Bilkent University, Ankara, Turkey, March 2010

Session Leader, "Reversing the Trend: Women in Open Source" Session
Google Mentor Summit, Google Headquarters, California, USA, Oct.2009

Workshop, "Python Programming Language"
Eclectic Tech Festival (/etc), Istanbul, TURKEY, 2009

Session Leader, "Open Source Security" Session
Google Mentor Summit, Google Headquarters, California, USA, Oct.2008

Invited Panel Speaker, "Women in Computing: Career to the Life" Panel (with Prof. Reyhan Ayfer, Prof. Nese Yalabik, Fusul Nebil)
Middle East Technical University, Free and Open Source Days, TURKEY, 2007

Invited Speaker, "Ruby Programming Language"
IBM Linux, Istanbul, TURKEY, 2006

Invited Speaker, "GUI Designing with GTK"
IBM Linux, Istanbul, TURKEY, 2006

Invited Speaker, "How to Encourage Women in Linux"
Middle East Technical University, Free and Open Source Days, 2006

Invited Speaker, "Ruby Programming Language"
Bilgi University, Open Days, TURKEY, 2006

ADDITIONAL INFORMATION

- Birthdate: September 15, 1985
- Nationality: Republic of Turkey
- Hobbies: Kendo, Japanese art (manga drawing), Photography, FRP (Fantasy Role Playing), Short Story Writing
- Blog: <http://pinguar.org/blog>
- LinkedIn: <http://www.linkedin.com/in/pinguar>
- References: Available upon request.

Last updated on July 2010.