

PINAR YANARDAG DELUL

CONTACT INFORMATION

HAAS 175 Research Lab
Department of Statistics
Purdue University
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EDUCATION

Purdue University, West Lafayette, IN/USA. Aug 2010- Present
<http://www.cs.purdue.edu>

Ph.D. in Computer Science

- Courses taken: Statistical Machine Learning, Algorithm Analysis, Data Mining, Computer Vision, Information Retrieval, Operating Systems, Scientific Visualization
- Advisor: S.V.N. Vishwanathan

Bogazici University, Istanbul, Turkey. Feb 2009- Jun 2010
<http://www.cmpe.boun.edu.tr>

M.Sc. in Computer Engineering

GPA: 3.38/4.00 (Completed the program in 3 semesters)

- Master's Thesis: "An Interactive Web-Based Machine Learning Suite"
- Advisor: Prof. Ethem Alpaydin

Canakkale Onsekiz Mart University, Canakkale, Turkey. Sep 2003- Jun 2007
<http://ce.comu.edu.tr>

B.Sc. in Computer Engineering

GPA: 3.21/4.00 (Ranked as 2nd among the graduating seniors of CE department)

- Graduation Project: "Signing and Verifying Packages with Public Key Cryptography"
- Advisor: Dr. Necdet Yucel

HONORS AND AWARDS

Fulbright Ph.D. Fellowship, 2010-2011
Google Anita Borg Memorial Scholarship EMEA, 2010
Purdue University Full Tuition Award, 2010-2011
Google Summer of Code Mentor, Google, 2008-2009
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, Travel Scholarship, Portland, 2011
Richard Tapia Diversity in Computing Conference Scholarship, San Francisco, 2011
Grace Hopper Celebration of Women in Computing, Google Scholarship, Atlanta, 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
(Department of Computer Engineering, Bogazici University)

Dec, 2009 - Jul, 2010

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)

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.

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>

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)

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

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 preference): Python, Ruby, C, C++, PHP, Java
- GUI Programming: QT4/3, PyQt, PyKDE, GTK, RubyGTK
- Frameworks/Databases: Rails (RoR), Django, PostgreSQL, MySQL
- Libs: OpenCV, VTK, Matplotlib, SciPy
- Tools: SVN
- Operating Systems: Linux (mostly Pardus and Debian)

INVITED TALKS,
PRESENTATIONS

Panelist, "Getting Started in Free and Open Source Software" Panel (with Leslie Hawthorn, Selena Decklemaun, Greg Hislop and Deborah Nicholson and Terri Oda)
Grace Hopper Celebration of Women in Computing, Atlanta, USA, Oct.2010

Poster Presentation, "An Interactive Web-Based Machine Learning Suite"
Google Zurich, Switzerland, June 2010

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

Panelist, "Women in Computing: Career to the Life" Panel (with Prof. Reyyan 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

- Hobbies: Kendo, Photography, Computer Games (RPG), Drawing
- Blog: <http://pinguar.org/blog>
- LinkedIn: <http://www.linkedin.com/in/pinguar>
- References: Available upon request.

Last updated on Sept 2011.