

# Behzad Tabibian

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CONTACT INFORMATION	MPI for Intelligent Systems Empirical Inference Dep. Spemannstr. 38 72076 Tuebingen, Germany   	<i>Cell:</i> +1 (301) 3850316 behzad.tabibian@tuebingen.mpg.de me@btabibian.com <a href="http://www.btabibian.com">http://www.btabibian.com</a> US Permanent Resident
ACADEMIC AND PROFESSIONAL WORK EXPERIENCE	<b>Max Planck Inst</b> Empirical Inference, Software Systems PhD Student working on Machine Learning under supervision of Prof. Bernhard Schölkopf and Dr. Manuel Gomez Rodriguez. Interested in Statistical Modeling for Social Networks and Information propagation. <b>Amazon.com</b> <i>Machine Learning Scientists Intern</i> <ul style="list-style-type: none"><li>Seattle, US</li><li>Berlin, Germany</li></ul> Responsible for improving forecasting component using Machine Learning techniques and distributed systems such as Hive and Spark. <b>University of Edinburgh</b> , Edinburgh, UK <ul style="list-style-type: none"><li>Collaborating with <b>Robust Autonomy and Decisions Group (RAD)</b><ul style="list-style-type: none"><li>Developing Communication infrastructure for a team of NAO humanoid robots playing football.</li></ul></li></ul> <b>Iran University of Science and Technology</b> , Tehran, Iran <ul style="list-style-type: none"><li><b>Electronic Research Centre(ERC)</b></li><li>Robotic Lab. of Mechanical Engineering Department</li></ul>	<b>September 2014 - Present</b> <b>May. 2013 - August 2013</b> <b>May. 2014 - August 2014</b> <b>October 2011 - 2012</b> <b>January 2008 - July 2010</b> Jan. 2008 - July 2010 Sep. 2009 - May 2010
EDUCATION	<b>University of Pittsburgh</b> , Pittsburgh, US. Master of Science, School of Information Sciences, Sep. 2012 - Sep. 2014 Courses: Statistical Machine Learning with Wassermann & Aarti - Carnegie Mellon University(A+) <b>University of Edinburgh</b> , Edinburgh, UK B.S., School of Informatics, Sep. 2010 - June 2012, Second class upper division(2:1) Courses: Reinforcement learning(A), Machine Learning (A), Probabilistic Modeling(A). <b>Mofid2 High School</b> , Tehran, Iran Diploma in Mathematics and Physics, Sep. 2006	
TECHNICAL SKILLS	<b>Programming:</b> Java , Python, C#, Scala, C/C++, Matlab, Visual Basic, Prolog, F#, SQL, VCS (CVS, SVN, Git), Android, MS Robotics Developer Studio <b>Robot Programming</b> for Scout, Robulab10, Nao Aldebaran <b>Computer Applications:</b> $\text{\TeX}$ ( $\text{\LaTeX}$ ), Most common productivity packages for Windows and Unix based platforms <b>Distributed Systems</b> Hadoop, Hive, Spark <b>Image Processing:</b> General applications and Robotics <b>General Purpose GPU (GPGPU)</b> Programming using Nvidia Cuda and Microsoft Accelerator <b>Operating Systems:</b> Microsoft Windows family, Linux <b>Machine Learning and Data Analysis:</b> Machine Learning with Matlab and Python	

SELECTED PUBLICATIONS

B. Tabibian, I. Valera, M. Farajtabar, L. Song, B. Schölkopf, M. Gomez-Rodriguez. Distilling Information Reliability And Source Trustworthiness From Digital Traces. In: *Proceedings of World Wide Web conference* 2017.

B. Tabibian, M. Lewis, C. Lebiere, N. Chakraborty, K. Sycara, S. Bennati, M. Oishi. Towards a Cognitively-based Analytic Model of Human Control of Swarms. In: *Proceedings of the AAAI Spring Symposium* 2014.

S. Ramamoorthy, A. Valtazanos, E. Vafeias, C. Towell, M. Hawasly, I. Havoutis, T. McGuire, B. Tabibian, S. Vijayakumar, T. Komura. Team Edinferno, Description Paper for RoboCup 2011 SPL. In: *Proceedings of 2011 Robocup competitions* 2014.

K. Shojaei, A.M. Shahri., and B. Tabibian. Design and Implementation of an Inverse Dynamics Controller for Uncertain Nonholonomic Robotic Systems. *Journal of Intelligent & Robotic Systems, Volume 71, Issue 1, pp 65-83, July 2013*

K. Shojaei, A.M. Shahri., A. Tarakameh, and B. Tabibian. Adaptive trajectory tracking control of a differential drive wheeled mobile robot. *Robotica, Volume 29, Issue 3, Pages 391-402. doi:10.1017/S0263574710000202*

- AWARDS, MEMBERSHIPS AND ACTIVITIES
- Journal of Machine Learning Research production staff since June 2015
  - NIPS 2016 workflow manager Oct. 2015-Dec. 2016
  - Winner of Pittsburgh Awesome foundation Award. Jan. 2014
  - Machine Learning Summer School 2012, La Palma, Spain. Grant from PASCAL2 April 2012
  - Developer of USARSim project supported by NIST July 2009 - 2012
  - Technical Committee member of RoboCup Competitions July 2009 - 2012
  - Technical Committee member of IranOpen Competitions April 2009 -2012
  - Honourable Mention in 2009 RoboCup competitions, Graz, Austria July 2009
  - 2nd Place in 2009 IranOpen competitions, Qazvin, Iran April 2009
  - Member of IUST Computer Engineering Scientific Association Sep. 2008 - Sept. 2009
  - 3rd Place in 2008 IranOpen competitions, Qazvin, Iran April 2008

TEACHING EXPERIENCE

**Univeristy of Tübingen**, Tübingen, Germany **March. 2015 - July 2015**  
 Teaching Assistant for Empirical Inference course; an introductory course on Machine Learning.

PROJECTS

**USARSim**: An open source simulation project for simulating robots used in RoboCup Competitions and IEEE VMAC competitions.

**Student Management System for Mofid2 High School**: A complete student monitoring solution based on Microsoft .Net and Microsoft SQL server 2008.

**Netformance** An ongoing project on social media to address various social issues, featured on BBC and and award winner of Pittsburgh Awesome foundation.

LANGUAGE SKILLS

English: Fluent, Farsi (Persian): Native Language, Deutsch: Basic.

HOBBIES

Reading books, mainly in philosophy of science. Swimming, Tennis and Traveling.

REFERENCES

Available upon request.