Saeedeh Sadeghi

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Personal Information

Date of Birth: November 7, 1989, Tehran, Iran.

Research Interests

- Cognitive Neuroscience
- Human Executive Functions
- Computational Cognitive Science

Education

2012–Apr. 2015 **M.S. in Computer Engineering (Artificial Intelligence)**, *University of Tehran*, Tehran, Iran, *GPA – 18.16/20*.
Thesis title: Metacognitvie Ability in Substance Abusers

2008–2012 **B.S. in Computer Engineering**, *Shiraz University*, Shiraz, Iran, *GPA – 18.46/20 (1st Rank)*.

2004–2008 **Diploma in Physics and Mathematics Discipline**, *Farzanegan High School*, Iran, *GPA – 19.79/20 (1st Rank)*.

Related Coursework

Coursera Online Courses

Introduction to Neuroeconomics: how the brain makes decisions (2014), Statistical Analysis of FMRI data (2014), Computational Neuroscience (2014).

Auditing Course

Fall 2013 Principles of Cognitive Neuroscience.

Selected Research Projects

2013–Present Analysis of human decision making in the Iowa Gambling Task (IGT) with different representations of the task.

2010-2011 Design and implementation of an artificial player for the Dvonn board game. Implemented agent was a **Finalist** in CodeCup Annual Game Programming Competition.

Teaching Experience

2010-2014 **Teaching Assistant:**
- Artificial Intelligence (Fall 2014)
- Machine Learning (Fall 2013)
- Design And Analysis Of Algorithms (Spring 2011)
- Fundamentals of Programming (Python; Fall 2010)

Honors and Awards

2015 Winner of the **Ezama Diploma of Honor** in Recognition of Distinguished Research in the Field of Addiction Medicine, 9th International Conference on Addiction Science, Tehran.

2012 **Ranked 1st** in overall GPA among all 53 students of the 2008-2012 class of Computer Engineering (Software and Hardware) Program, Shiraz University.

2012 **7th Place** in Iran National Collegiate Olympiad in Computer Engineering among students from all universities of Iran.

2012 **18th Place** among more than 26,000 participants in nationwide M.S. entrance exam in Computer Engineering-Artificial Intelligence program of Iranian universities.

2010 **10th Place** in Asia Regional ACM Programming Contest, Tehran site, Iran.

2008 Ranked among **top 0.2%** in Nationwide Entrance Exam of Iranian universities, very competitive with more than 300,000 participants.

2007 **Silver medal in National Chemistry Olympiad**, Young Scholars Club(YSC), Tehran,Iran.

2004 Selected for study in schools of **National Organization for Development of Exceptional Talents (NODET)** through an exam with less than 1% acceptance rate.

Publications and Working Papers

Working Papers

S. Sadeghi, H. Ekhtiari, M. Nili Ahmadabadi and B. Bahrami, **"Domain-Specific Metacognition Impairment in Opiate Addiction"**, Available online at: http://ssrn.com/abstract=2705722 *[targeted for Consciousness and Cognition]*

Conference Abstracts

Nov. 2015 S. Sadeghi, A. Shirvani, P. Piray, B. Rafiee, B. Bahrami, M.N. Ahmadabadi, **Effect of Task Representation Medium on Performance in the Iowa Gambling Task**, Poster Presentation, International Symposium on Prediction and Decision Making, Tokyo, Japan.

Sep. 2015 S. Sadeghi, H. Ekhtiari, M. Nili Ahmadabadi, B. Bahrami, **Domain-Specific Impairment of Metacognitive Ability in Methadone Maintenance Patients**, Oral presentation. *9th International Addiction Science Congress (ASC2015)*, Tehran, Iran.

Apr. 2015 S. Sadeghi, B. Bahrami, H. Ekhtiari and M. Nili Ahamadabadi, **Metacognitive Ability is Subject to Ego Depletion over Subsequent Tasks**, Poster presentation. *6th International Conference of Cognitive Science*, Tehran, Iran.

Skills

Languages   Persian (native), English (advanced), Arabic (intermediate)

Programming   MATLAB, PYTHON, C, C++, JAVA, ASSEMBLY, SQL

Web   HTML, CSS, PHP, Hibernate

Test Scores

Oct. 2014 **Toefl iBT: 106/120**; Reading(27/30), Listening(27/30), Speaking(26/30), Writing(26/30)

Nov. 2015 **GRE General, Computer-Based:** Verbal (149; 41%), Quantitative (167; 94%), AW (4; 56%)