

Curriculum Vita

Mona Nasery



Personal Data

Mailing address:

- **Trento (Sep 2015–March 2015):** 1st floor Northern Building, Via Sommarive, 18, 38123 Povo TN
- **Milan:** Via Ponzio, 34/5, Politecnico Di Milano, Milan, 20133, ITALY

Telephone: +39-3894930275

Email: mona.nasery@polimi.it, mona.nasery89@gmail.com

Webpage: <http://home.deib.polimi.it/nasery>

• March 2015 – March 2016

- **September 2015 – March 2016: Researcher** at EIT-Digital in Trento, Italy for a joint European project of "Developing applications for smart spaces"
 - **EIT-Digital, Trento Node:** <https://www.eitdigital.eu/about-us/locations/trento-node/>
- **March 2015 – July 2015: Researcher** at EIT-Digital in Helsinki, FINLAND for a joint European project of "Developing applications for smart spaces"
 - **EIT-Digital, Helsinki Node:** <http://www.eitictlabs.eu/about-us/locations/helsinki-node/>

• November 2013 – March 2015

Researcher in Computer Science
Politecnico Di Milano (<http://www.polimi.it>)
Recommender Systems Group

• March 2010 – October 2013

M.Sc. in Computer Engineering, Communication and Society Engineering
Politecnico Di Milano (<http://www.polimi.it>)
GPA: 104/110 (4.7/5)
Final Thesis: "Process Automation in Clarity PPM by using GEL Script" (Advisor: Prof. Emanuele Della Valle)

• September 2003 – February 2008

B.Sc. in Information Technology Engineering
Shomal University of Amol (<http://www.shomal.ac.ir/en/>)
Last two years GPA (Major GPA): 16/20 (4/5)
Final Thesis: *Implementing E-shop portal* with a score of **20/20**

Research Interests

- Recommender Systems
- Decision Making and User-behavior analysis
- Machine learning

- Design and develop web applications for recommender systems
- Smart space applications
- Human Computer Interaction

Publications

- **Mona, Nasery**, Mehdi, Elahi, Paolo, Cremonesi; "Investigating the Decision Making Process of Users based on the PoliMovie Dataset", DMRS'2015; Bolzano, ITALY
- **Mona, Nasery**, Mehdi, Elahi, Paolo, Cremonesi; "PoliMovie: a Feature-based Dataset for Recommender Systems", ACM_RecSys_CrowdRec'2015; Vienna, AUSTRIA
- [M. Sc Thesis] **Mona Nasery**; "Automating processes in clarity PPM by gel scripting", PoliMi'2013; ITALY

Research Experience

At Recommender Systems Group (Advisor: Prof. Paolo Cremonesi)- Politecnico Di Milano, ITALY)

- (Nov 2013- October 2015) Research on developing and evaluating attribute-based recommender systems
- (Nov 2013- March 2014) Creating a large multi-dimensional movie dataset (**PoliMovie** primary dataset: <ftp://ftp.elet.polimi.it/users/Mona.Nasery/PoliMovieDB.sql>), applicable for evaluating different kind of recommender algorithms
- (April 2014- October 2014) Design and develop a **PoliMovie** (Smart survey web application: <http://polimovie.deib.polimi.it/version2/>)
- (Nov 2014-) Test the application, Run the user experiment, Crowdsourcing (I put the dataset publicly available on <http://recsys.deib.polimi.it/polimovie-dataset>)

Others

- (October 2014- October 2015) Co-advisor of MSc. Thesis of 2 master students (Feature-based Recommender Systems)
- (October 2014- March 2015) Co-advisor of project of the course of "Recommender Systems" of 5 master students (Developing web applications for recommender systems)

Technical skills

- **Good** knowledge of Database systems such as **MySQL** and **Oracle** (while working in Mediobanca and frequently in the last two years)
- **Good** programming skills in **PHP** (e.g., I wrote my survey web application in PHP).
- Recently, I used **Java** more (e.g. writing a web crawler, developing a movie content-based recommendation in Java and currently I am using Java to develop and evaluate a feature-based movie recommendation system)

- Some Experiences with *C, C++ and Python* (e.g., I did a project for the course "*Parallel Computing with OpenMP and MPI*" where I had to parallelize and optimize a program written in C in order to improve the program response time)
- Good skills in scripting languages such as **JavaScript**, also in **HTML** and **CSS**
- Intermediate Knowledge of working with **Linux OS** (terminal/shell scripting)
- Others: **Clarity PPM** (Project Portfolio Management tool), **IBM Cognos**, **GEL scripts** to automate business processes (during my work in [Mediobanca](#))

Work Experience

At Mediobanca Group (<http://www.mediobanca.it/en>)

- (Jan 2013- /July 2014) Data Base analysis (Oracle, PL/Sql) and Clarity PPM at IT Governance MedioBanca
- Clarity Project and Portfolio management (Resources, lookups, Objects, Gantt, WBS, KPI analysis, etc)
- Application administration such as creating and running jobs, processes, etc
- Process automation (more specifically by Gel scripting)
- NSQL Queries for portlets
- IBM Cognos Framework and Cognos report studio

At Comune Di Milano, Milano, ITALY (<https://www.comune.milano.it>)

- (Dec 2012 - Jun 2012) Apprentice on insourcing Open Data Platform at Comune Di Milano
- Dimensionalize of Hardware Infrastructure
- Software platform assessment
- Development of the draft project
- Analysis of related security issues
- System test of new infrastructure

Awards and Achievements

- (Feb 2015-) **EIT-ICT** (European) (<http://www.hipeac.net>) Grant winner for "*Sviluppo di applicazioni su schermi pubblici interattivi in ambito retail (Develop applications of interactive public displays in street smart retail)*"

Languages

- **English:** Fluent (IELTS score: 7.0)
- **Italian:** Reading, listening: Good, Speaking & Writing: Intermediate
- **French:** Basic