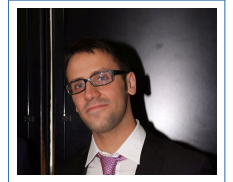


Vittorio Nicoletta

Engineering student
Politecnico di Milano

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Born 15/04/1991



Education

- Sep 2013 - **Mathematical Engineering MSc**, Politecnico di Milano, Italy, major in Statistics and Decision Making
Jul 2016 Main subjects: Applied Statistics, Bayesian Statistics, Artificial Intelligence, Optimization, Parallel Computing
Mar 2016 - **Research Intern**, Université Laval, Québec (Canada), Faculté des Sciences de l'Administration
Jun 2016 Topic: "Robust optimization approaches for Location/Allocation Problems under uncertainty"
Affiliation: Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT)
Sep 2010 - **Mathematical Engineering BSc**, Politecnico di Milano, Italy
Sep 2013 Main subjects: Advanced Mathematics, Statistics, Numerical Analysis, Computer Science

BSc Final Dissertation

- Title *Community analysis on protein-protein interaction networks*
Supervisors Prof. Carlo Piccardi, Dr. Diego Liberati
Description Study and evaluation of algorithms based on partitional and non-partitional methods for community analysis on graphs, with special attention on recent IOPC method. The validation was based on the Protein-Protein Interaction network of *Saccharomyces cerevisiae*

Work Experience

- Dec 2014 - **Data Scientist Intern**, Procter & Gamble, Information & Decision Solutions, Geneva (Switzerland)
May 2015 Main responsibilities during the internship:
- Advanced analytics modeling for eRetailer Search
- Advanced analytics modeling for Digital Media Effectiveness
- Implementing algorithms to improve search results at P&G eStore
- Deployment of self-service digital analytics solution to Business Units based in Geneva

IT Skills

- Software **Matlab, CPLEX, AMPL, OPL, L^AT_EX, Microsoft Office** *European Computer Driving Licence*
Analytics **R, Spotfire, KNIME, Stata**
Languages **C / C ++, OpenMP, MPI, Python**

Analytical and Quantitative Skills

- GMAT **Graduate Management Admission Test** *650/800*

Language Skills

- Italian **Native speaker**
English **Fluent** *TOEIC - Test of English for International Communication - 935/990 - C1 level*
French **Good** *TFI - Test de Français International - 880/990 - C1 level*

Team Projects

- Mar 2014 - **Reputational risk: a quantitative approach**, leader of a 5 people team
Jul 2014 Development of a quantitative approach to estimate Reputational Risk, in the case of an Italian enterprise of the energy market
Oct 2013 - **Recommendation algorithms: C++11 implementation**, 4 people team
Jan 2014 Build of a C++11 parallel library providing implementation of collaborative (both latent-factors and neighborhood-based) and content-based recommendation algorithms

Interests

- Associations **Mensa Italia - The High I.Q. Society** *www.mensa.it*
AIM - Mathematical Engineering Association *Member of the executive board - 2013/2014*
Volunteering **Buddy Project - Politecnico di Milano** *Assistance to international students - 2015/2016*
Hobbies **Travel** *Visited Russia, New Zealand, Canada, Belgium, UK, France, Spain, Greece, Malta, Czech Republic*