



**Mgr. Darina Brožovská**

#### EDUCATION

**2011- 2013 Master's degree - P. J. Šafárik University, Faculty of Science, Košice, Slovakia**

- Specialization: Financial and Economical Mathematics
- Thesis Topic: Magic Labelings of Irregular Graphs
- Adviser: Doc.RNDr. Jaroslav Ivanco ,CSc.
- Area of Study: Graph Theory

**January 2012 - June 2012 The Erasmus Programme - University of Alicante, Alicante, Spain**

- Specialization: Mathematics, Macroeconomics

**2008-2011 Bachelor's degree - P. J. Šafárik University, Faculty of Science, Košice, Slovakia**

- Specialization: Mathematics

**2004-2008 Secondary Grammar School Poštová 9, Košice, Slovakia**

#### WORK

##### EXPERIENCE **2013-2017 Pricing Analyst**

- Zurich Insurance Company Ltd.
- Job description: Preparation and extraction data for further processing. Providing statistical insight to data. A pre-model analysis in SAS and Excel. Predictive modelling using various statistical methods (GLM, GAM, decision trees, neural networks, price optimization, logistic regression, etc.) and programs (Emblem, SAS, Radar, etc.). Model validation and implementation. Communication with Business partners.

##### **2013- 2014 Marketing specialist**

- CSOB a.s.
- Job description: Data analysis, report creation, devising a marketing strategy for product development, monitoring and evaluating product campaigns.

##### **2012-2013 ESN Coordinator - voluntary job**

- Erasmus Student Network Slovakia

##### **2009-2011 Site Assistant - part time job**

- Ixonos Slovakia, s.r.o.
- Job description: Ensuring all organizational activities related to meetings and events, administration of database, processing invoices, organising travel arrangements for business travel.