

ORSOLYA VASARHELYI

DATA SCIENTIST



I am a passionate data geek, who seeks to answer large scale social scientific problems and apply new academic findings on business problems.

My graduate research focuses on the gender differences of career development in project based environments. As a dedicated female technologist, I am not only analysing, but actively promoting diversity and inclusion. I mentor women who would love to learn coding, teach programming for undergraduates in non-technical universities and organise meetups for young entrepreneurs.

EXPERIENCE

May, 2018- August, 2018 Data Science for Social Good Fellowship, Lisbon, Portugal

The Fellowship is a University of Chicago summer program to train aspiring data scientists to work on data science projects with social impact. Working closely with governments and nonprofits, fellows take on real-world problems.

July, 2017- December, 2017 Data Scientist Intern, Typeform, Barcelona, Spain

Since Typeform is a viral product, my main task was to analyze and learn insights of the product's recommendation network. Beyond this project I had the opportunity to take part in other projects and gain more practical experience in AB testing, machine learning and business analytics.

2015-2015 Data Sales & Account, Neticle Technologies Budapest, Hungary

Helped clients to figure out their social media monitoring and research needs to plan and re-measure their campaigns, with unique KPIs and methods.

2010-2014 - Lead Analyst, Maven7 Network Research Ltd. Budapest, Hungary

Started as a organisational network analyst intern, became a full-time analyst then the product owner of the data mining analytical products.

SKILLS

Advanced Statistics	●	●	●	●	●
Data Analysis	●	●	●	●	●
Network Science	●	●	●	●	●
Python	●	●	●	●	●
Survey Statistics	●	●	●	●	
Organisational Network Analysis	●	●	●	●	
R	●	●	●	●	
Machine Learning	●	●	●		
SQL	●	●	●		
Data Visualization	●	●	●		
NLP	●	●	●		

INTERESTS

●	●	●	●	●	Diversity & Inclusion
●	●	●	●	●	Team Interaction Networks
●	●	●	●	●	Gender Studies
●	●	●	●	●	Science of Success
●	●	●	●	●	Open Source Development
●	●	●	●	●	Data Journalism

ACADEMICS

GRADUATE RESEARCH

Women are under-represented in Information Technology, and in hierarchical organisations gender inequality is well-documented, but less is known about the "meritocratic" project-based teamwork. My research question is what is the difference between successful female and male career paths in project-based environments. Methodology combines data mining, machine learning, network science and traditional multivariate statistics as well. For a recent project visit the following [Github Page](#)

2015- PhD Candidate in Network Science

Center for Network Science,
Central European University
Budapest, Hungary

Supervisor: Balazs Vedres
Teacher Assistant: Albert-Laszlo Barabasi

2010-2012 Msc in Survey Statistics

Eotvos Lorand University,
Budapest, Hungary

2007-2010 BA in Social Sciences

Eotvos Lorand University,
Budapest, Hungary

AWARDS , GRANTS & SCHOLARSHIPS

2018. Data Science for Social Good Fellowship, Lisbon, Portugal
2017. WomEncourage ACM Conference Grant, Barcelona, Spain
2017. Grace Hopper Scholar, GHC, Orlando, FL, US
2017. PyCon, Diversity Grant, Portland, OR, US
2016. Erasmus+ Scholarship, Barcelona, Spain
2016. NetSciX Young Researcher Conference Grant, Tel-Aviv, Israel
2015. Bridge Budapest Fellowship, Asia
2012. Winner of the Hungarian National Market Research Competition
2011. Erasmus Scholarship, Brussels, Belgium

CONFERENCES

Gendered creative careers in software development, WomEncourage ACM 2017, Barcelona, Spain

Gendered creative careers in software development, Gendered Creative Teams Workshop 2017, Budapest, Hungary

Why women leave IT? WiDS 2017, Budapest Hungary

Gender homophily and success on GitHub, NetSciX 2017, Tel-Aviv, Israel

The effect of team gender homophily on female developers' career, CSS Winter Symposium 2016, Cologne, Germany

Introduction to Network Science with Python, PyCon Israel 2017, Tel-Aviv, Israel

Identifying users' behavior-based clusters on Facebook, European Conference on Complex Systems 2013, Barcelona

HOBBIES

paragliding, yoga, bouldering, hiking

VOLUNTEERING

django girls, bridge budapest