

# DOMINIK CYGALSKI

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## HACKATHON

[HTTP://BIHAPI.PL/](http://BIHAPI.PL/)

Cities in Poland open their data and make them accessible via public APIs. Let's use them in an innovative way! My submission is Eventeeo application which proposes a new experience for the users to discover cultural events in the city of Poznań.

## HACKATHON

VAL D'ISERE

Three days to revolutionize experience of the ski station customers by developing an innovative mobile application.

## DATA MINING AND KNOWLEDGE MANAGEMENT

EUROPEAN MASTER

Double diploma program organized by six European universities.  
My host institutions:

1. **University of Eastern Piedmont** in Italy
2. **Polytech Nantes** in France

Erasmus Mundus scholarship holder

<http://www.em-dmkm.eu/>

Diploma with honors

## INFORMATICS AND ECONOMETRICS

BACHELOR OF ECONOMICS

**Poznan University of Economics**  
in Poland

Major in Information Systems  
for Business and Administration

Diploma with honors

## RESEARCH ENGINEER

XEROX RESEARCH CENTRE EUROPE

Working on information extraction and automatic analysis of the Curricula Vitae. Applying supervised machine learning techniques.

Developing text classification software for eDiscovery. Working with large data sets and stochastic optimization algorithms, logistic regression and probabilistic models. Collaborating with the research team.

Developing an integration system for various components leveraging text mining technologies for fraud detection. Full-stack experience. Collaborating with a remote team.

## DATA VISUALIZATION INTERN

XEROX RESEARCH CENTRE EUROPE

Developing a generic and multi-purpose interactive visualization framework for Open Xerox web platform using web technologies such as HTML5, SVG, JavaScript and OData protocol + D3.js library.

Working in Scrum methodology. Topic of Master thesis.

## ANDROID DEVELOPER

POZNAN UNIVERSITY OF ECONOMICS

Developing a user interface for a mobile application which deals with submitting semantically annotated recommendations of places such as restaurants or pubs which are further processed and published in the Linked Open Data cloud. Part of the Insemtives project under European FP7 program. Part-time position.

## INTERN

POZNAN UNIVERSITY OF ECONOMICS

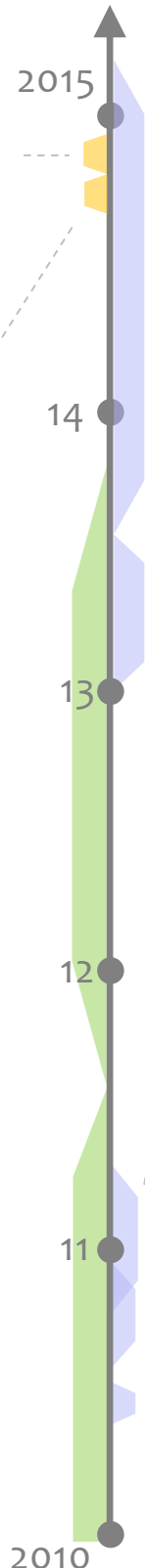
Developing web application for T-Systems Multimedia Solutions GmbH to exploit and showcase possibilities of Semantic Web. Web data scraping, processing and annotating with semantic content.

Working in team of students and collaborating with another remote team from Freie Universitat Berlin. Part-time position.

## INTERN

POZNAN UNIVERSITY OF ECONOMICS

Developing UI in Java (Swing) for manipulating XML data.



## SKILLS

Data mining	Machine learning and Data Visualization most experience with supervised + moving towards NLP and Text Mining experience with D3.js, Gephi, Tulip software	
Programming	Java	OOP and design patterns
	Python	scripting and web + Django, Flask, Bottle
	JavaScript	in the browser
	Web	HTML5, CSS, SVG
Databases	NOSQL	MongoDB theory and practice + Neo4j theory
	SQL	small experience with MySQL, Postgre, Oracle good knowledge of SQL query language
Startups	Getting interested in Lean approach, start-up development and online marketing	

## RECOGNITION

Most creative submission	Data Visualization contest on Crowdanalytix.com – exploratory analysis of the daily deals market. <a href="http://groxx.com/visualization/">http://groxx.com/visualization/</a>	
Bachelor's thesis award	3rd prize for the bachelor thesis " <i>Application of abstraction principle for the user interface development on mobile devices</i> ". Competition organized by Society of Information Systems - <a href="http://ntie.org.pl/">http://ntie.org.pl/</a>	

## LANGUAGES

Polish	native	★★★★★★
English	working proficiency	★★★★★
French	limited working proficiency	★★★
Italian	beginner	★★

## NON-GEEKY

Sports	gymnastics (tumbling!), snowboarding, climbing, slackline	
Eating & Cooking	Polish – Mediterranean fusion	

★ See the prototype of my travel blog search engine - <http://travelinvasion.net/>