

# 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

## DATA VISUALIZATION SPECIALIST

SMART: SINGAPORE MIT ALLIANCE FOR RESEARCH AND TECHNOLOGY

Working on data visualization for transportation systems of the future smart cities. Working on <http://datacollider.io/> project.

## JUNIOR SOFTWARE DEVELOPER

XEROX RESEARCH CENTRE EUROPE

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

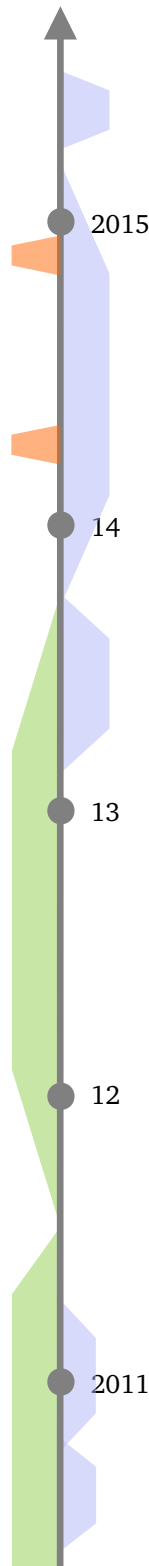
Developing a user interface for a mobile application which deals with submitting semantically annotated recommendations of places such as restaurants or pubs which are further processed and published in the Linked Open Data cloud. Part of the Insemtives project under European FP7 program. Part-time position.

## 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.



## SKILLS

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

## RECOGNITION

Most creative submission	Data Visualization contest on Crowdanalytix.com – exploratory analysis of daily deals market. <a href="http://qroxx.com/visualization/">http://qroxx.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	intermediate	★★

## 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/>