

# Dominik Cygalski

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## Experience

### Full-stack geek

smove.sg | 1 year (current job)

Full-stack responsibilities involving customer responsive web frontend, backend server and database as well as optimizing and streamlining software development process. AngularJS, NodeJS (SailsJS), MySQL. Dynamic startup environment.

Solving combinatorial optimization (scheduling) problems to improve company's operations using genetic algorithms. Python.

### Data visualization specialist

SMART: Singapore MIT Alliance for Research and Technology | 6 months

Visualizing transportation systems of the future smart cities. datacollider.io project. Javascript - D3.js, three.js.

### Junior Software Developer

Xerox Research Centre Europe | 1.5 years

Working on information extraction and automatic analysis of Curricula Vitae. Applying supervised machine learning techniques on textual data. Integrating computation engine into fully fledged application. Java.

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. Java.

Developing an integration system for various components leveraging text mining technologies for fraud detection. Collaborating with a remote team in USA. Full stack experience. Python (Django), Java, Javascript, MongoDB.

### Data Visualization Intern

Xerox Research Centre Europe | 6 months

Developing a generic and multi-purpose interactive visualization framework for Open Xerox web platform using HTML5, SVG, Javascript (D3.js). Working in Scrum methodology. Topic of Master thesis.

## Education

### Data Mining and Knowledge Management

European Master | 2 years

Double diploma master program organized by University of Eastern Piedmont in Italy and Polytech Nantes in France. Erasmus Mundus scholarship holder (em-dmkm.eu). Diploma with honors.

### Informatics and Econometrics

Bachelor of Economics | 3 years

Poznan University of Economics in Poland. Major in Information Systems for Business and Administration. Diploma with honors

## Software

Javascript

Python

Java

## Skills

Web technologies

Data Visualization

Data Mining

Machine Learning

DevOps

AWS

Git

## Languages

Polish \*\*\*\*\*

English \*\*\*\*\*

French \*\*\*

## Other

Adrenaline sports

Food instagram

@cibusinvasion