Dominik Cygalski

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Full-stack geek

smove.sg | 4 years (current position)

Full-stack responsibilities in dynamic startup which scaled its operations over 20 times during one year in Singapore and is now expanding internationally. Developing frontend web apps, backend servers as well as optimizing and streamlining software development processes. NodeJS, MySQL

Solving discrete optimization (scheduling) problems to improve company's operations using combinatorial solvers. Python and Java (OptaPlanner)

Starting with "the Monolith to Microservices" journey now.

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

Junior Software Developer

Xerox Research Centre Europe | 1.5 years

Working on information extraction and automated analysis of Curricula Vitae. Applying supervised machine learning techniques on textual data. Integrating computation engine into touchscreen GUI application (touchscreens were cool and new then). Java

Developing text classification software for eDiscovery (in legal proceedings). Working with large data sets and stochastic optimization algorithms, logistic regression and probabilistic models. 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, 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. Working in Scrum methodology. Topic of Master thesis. JavaScript, SVG

Data Mining and Knowledge Management

Education - European Master | 2 years

Informatics and Econometrics

Education - Bachelor of Economics | 3 years

Software

JavaScript

Java

Python

Skills

Web technologies

Data Visualization

SVG

SQL/NOSQL

DevOps

AWS

Machine Learning

Other stuff

Speaker at iOS conf Singapore 2017

Watch my talk

Created

scatterplot.online

Adrenaline sports

Lindy Hop dance