

Jacek G. Pardyak

jacek.pardyak@gmail.com · <https://jacekpardyak.github.io/>

06 20786342

2523 CH Den Haag

Software Developer (Python & R)



EXPERIENCE

- **ABC**

Data Scientist – Amstelveen, Netherlands

Analyzed the operation of microprocessor register cells using SPICE and circuit analysis techniques. Derived SPICE model for short-channel MOS devices.

December 2015 - Present

- **CDE**

Data Scientist – Warsaw, Poland

Assisted in teaching responsibilities for circuits and electronics courses. Organized and implemented the speech processing lab at Rensselaer. Authored several FORTRAN programs for Prime 500 system.

February 2015 - December 2015

EDUCATION

- **PhD Candidate**

TUV University of Leiden

1998

- **Master of Science**

University of life

1996

AWARDS & RECOGNITION

- **Fake Academy Fellow**

Fake Academy of Arts and Sciences

2016

- **Elon Musk Award**

State of Engineering

2012

- **ACM Fellow**

Association for Computing Machinery

2009

SKILLS

- **Applications**

Maxima, R, R Studio, Weka, MADlib

- **Programming**

R, Python, C/C++

PROJECTS

- **Tensorflow** [tensorflow.org]

An open-source machine-learning software library

C++, Python, Bash

- **LevelDB** [github.com/google/leveldb]

An open-source on-disk key-value store

C++

- **Spanner** [google.com/spanner]

A scalable, multi-version, globally distributed, and synchronously replicated database

C++, Java, Bash

OTHER HIGHLIGHTS

- Gave talk on *Achieving Rapid Response Times in Large On-line Services* at Berkeley AMPLab Cloud.

- Led several teams across infrastructure, founded *Google Brain* and was involved in hiring process.

HOBBIES & INTERESTS



Programming
&
publishing



Growing
potted
plants



Indoor
swimming



Cultural
diversity