Rakan Zeid Al Masri *rakanalmasri97@gmail.com | 01525-5604696 | Karlsruhe, Baden-Württemberg*

Education

Karlsruhe Institute of Technology   Karlsruhe
B.Sc. Computer Science   *Oct 2018 | Ongoing*

Skills

Python, C++, C, Haskell, Prolog

Tools Git, Docker, Qt, LaTeX, SQL, CMake

Languages English (native), German (C1), Arabic (native)

Projects

Balanced Banana C++, Qt, Docker   *https://github.com/ralmasri/balancedbanana*
A platform independent task scheduling and distribution system that is user configurable and easy to use. Balanced Banana allows the user to easily submit their task from the command line so that it is automatically distributed to a ready worker. Tasks are separated from other tasks in Docker containers.

Data Science Scripts Python
While doing the Financial Data Science course at KIT, I've created Python scripts that analyze and forecast financial data. Examples include modelling via ARMA and ARCH-GARCH models, Ordinary Least Squares, Maximum Likelihood Estimation, etc.

Applications of Dynamic Heterogeneous Information Networks for AIOps LaTeX
https://ralmasri.github.io/files/hin_aiops.pdf
My research paper from the Proseminar at KIT on the topic of HIN applications in the AIOps field.

Automation Scripts Python, Bash
A bunch of simple of automation scripts for updating my website and other menial tasks.

DAWN 11/15 Java   *https://github.com/ralmasri/DAWN-11-15*
An interactive CLI board game built in my first semester Java course