Rakan Al Masri

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Education

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

Skills

Programming Java, 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 an available worker and run in a Docker container.

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

Hobbies & Volunteering

Member of linkit, a university Data Science and Industry 4.0 group

Volunteer in a summer camp in Sebline, Lebanon

Member of the IT and Robotics team in my school

Student participant in *Dubai Cares: Walk for Education*