Ali B. Karimi

Education

2019-2020 Karlsruhe university of applied science, Karlsruhe / Germany
Computer Science Master's degree
Course Highlights: Machine learning & AI, Programming paradigms, Reliability engineering.
Positions: VR developer in a VR lab by Dr. Prof. Alexei Konnov;

2018-2019 University of Milan, Milano/ Italy
Computer Science degree program
Course Highlights: Information retrieval, Information management, ML for industry and supply chain.
Positions: Member of IEBI lab (Industrial, Environmental & Biometric Informatics)

2013-2017 K.N. Toosi University of Technology, Tehran / Iran
Bachelor's, Computer engineering (Hardware engineering)
Focusing on: hardware, system architectures, software-hardware co-design and networking

Professional Experience

2019 - 2020 BARCO | Barco Control Rooms GmbH, Karlsruhe / Germany
R&D Software engineer
- Shell scripting and Cronjobs for daily automation on Linux machines e.g., cleanup of file systems.
- Design and implementation of automated tests for API's (Pytest framework under Linux machines).
- Manage and Analysis of tests and continuous build on Jenkins and writing test reports.
- REST API design (JavaScript).
- Assisted in creating the environment for Docker Migration.
- Data gathering and analysis from displays around the globe within cloud database (Data pipelines).
- Working in Agile / Scrum environment.
- Using Git for SCM/version control systems in the team.
- Streaming over IP.
- Setting up RaspberryPi farms for simulations.
- Code reviews, bug fixing and refactoring the code base.
- Automating tasks for developers to work more efficiently under Linux systems (Ubuntu , CentOS).

Skills utilized: Automation; Test automation; Agile development; Docker; Linux administrating; Database and SQL; adaptive planning; logistics; creative thinking;

2019 SIEMENS | Virtual reality lab, Karlsruhe / Germany
VR developer and creative advisor
- Identified & forecasted insights for better VR project design.
- Design and implementation of training environment for Cyber Security scenarios.
- Development under Unity game engine and C#.
- Utilizing Linux machines.
- Git maintenance and support.

Skills utilized: More visions on Git power; VR development; remote collaboration

2017-2018 Sahand Lab. | Medical laboratory, Tehran / Iran
Web developer
- Responsible for creative design and prominent website.
- Maintained competitive, top-performing role metrics; top client rating by 9%.

Skills utilized: interpersonal relations; cross-departmental teamwork

2017 K.N. Toosi university of Tech. | Tehran / Iran
Teacher assistant; VLSI(Very Large Scale Integration) Design course
- Define projects for students and evaluate them by the end of the semester.
- Investigating on different scenarios of VLSI design in weekly session.

2016 UNDP | Department of the environment, Tehran / Iran
General IT supporter
- Installing and maintaining network and machines working under Linux.
- Performing system backups and ensuring the reliability on Linux machines.
- Network support for team members.

Skills utilized: Networking; Linux and shell scripting; Lean Six Sigma; team-working

Languages

English *(Full Proficiency)* | German *(advanced)* | Italian *(Intermediate)* | Persian *(native)* | Turkish *(native)*

Skills & Technologies

- Python for development & test automation (Pytest and unit tests) | RESTFUL API's | Django framework.
- Proficiency in scripting languages such as Bash and Powershell.
- Ability to develop, maintain and support continuous integration based on Jenkins.
- Knowledge of DNS, including diagnostics with UNIX tools.
- Solid experience with Linux (Ubuntu, CentOS).
- Prior experience on JavaScript in designing REST API's | Web development experience (HTML5, CSS, PHP)
- Strong knowledge on GIT version control tool.
- Good knowledge in DataBase (MySQL primarily) and creating environment for Docker migration.

Hobbies:

Running, Bouldering, Cycling | Cryptocurrency | Investing | Beer | Travel

Personal Data
Place of Birth: Tabriz / Iran
Nationality: Iran

Permanent Address
Karl wilhem Str., 30,
76131 Karlsruhe, Germany
Mobile: +39.338.187.7891

Present Address
Karl wilhem Str., 30,
76131 Karlsruhe, Germany
Mobile: +39.338.187.7891

School E-mail
baal1037@hs-karlsruhe.de

Personal E-mail
abkarimi1995@gmail.com

Work E-mail
ali.bagherzadehkarimi@barco.com

Web Site
Alibk95.github.io/ali
(personal)

http://linkedin.com/in/
ali-b-karimi-7b6507b5

last modified: July 2020