Curriculum vitae

PERSONAL INFORMATION	## Shahriyar(Shako) Rzayev

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JOB APPLIED FOR

Autonomous Driving

WORK EXPERIENCE ▪

21/01/2019–Present

QA Engineer(remote)

Codership - Galera Cluster, Helsinki (Finland)

- Continuously refine the QA process to improve product quality
- Troubleshoot and work with the development team to isolate issues
- Create and maintain automated tests
- Make Galera software builds (our build pipeline uses python, Jenkins, Docker and Qemu)
- Assist customers with their questions and support tickets

02/06/2018–01/08/2019

Python and Open Source Instructor

TechAcademy, Baku (Azerbaijan)

- Currently exploring best practices for teaching Python in bootcamp.
- Exploring Python source code for getting in-depth knowledge on language itself.
- Creating meetups on CPython internals.
- Keeping up Python User Group leadership.
- TechAcademy - official web site to check.
- Exploring Data Science and related topics.
- Exploring Django framework by doing Web projects with students.

12/10/2015–01/06/2018

QA Engineer (remote)

Percona LLC, Raleigh (United States)

* Working with distributed QA team
* Using Python for creating automated and manual tests
* Jenkins automated test runs
* All aspects of backup solutions testing
* Developing and automating QA strategies for testing
* Evaluating new features, locate product issues and bugs
* Assisting with the implementation of various QA projects

20/04/2014–20/08/2015

MySQL DBA

APA Holding, Baku (Azerbaijan)

* MySQL administration
* Creating backup policy and procedures

* Linux administration

* Used Python as main system scripting language

| 16/12/2013–15/04/2014 | **Support Engineer**
| | Pasha Bank, Baku (Azerbaijan) |

- Support Engineer in Bank Systems development department.
- Writing SQL queries on the need of other departments.

- Writing Python scripts to automate processes.

EDUCATION AND TRAINING

| 19/08/2019–29/09/2019 | **MSc Robotics**
| | Innopolis University, Innopolis City (Russia) |

Dropped at the very beginning - realized this is not the exact thing I want

I don't want Robotic arms but want Self-Driving Cars.

| 15/09/2007–31/05/2011 | **BSc Finance**
| | Azerbaijan State University of Economics, Baku (Azerbaijan) |

| 01/09/2000–31/05/2007 | **High school diploma**
| | TDV BTL, Baku (Azerbaijan) |

PERSONAL SKILLS

Mother tongue(s)   Azerbaijani

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	IELTS 7.0				
Russian	C2	C2	B1	B1	A2
Turkish	C1	C1	C1	C1	C1
	Graduation diploma from Turkish Lyceum				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills   - good communication skills gained through discussions in Open Source community

Organisational / managerial skills   Leadership - I am officially community leader of Azerbaijan MySQL User Group and Python User Group.

Job-related skills   I was responsible for some projects, where I was doing manual task automation, which can be observed below:

- PMM General test project
- PMM Stress test project
- MyRocks Python + BATS tests project
- Percona Xtrabackup test framework

- Audit Log Plugin test mini-framework

Currently, involved in Math, Machine Learning/Reinforcement Learning, Self-Driving Cars, and related topics.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Other skills

Community Activities:

- The founder and current leader of Azerbaijan MySQL User Group -> FB Group
- Technical blog of AzeMUG -> mysql.az
- Azerbaijan Python User Group web site -> azepug.az
- Active member of Azerbaijan expert's community -> Technet.az
- The founder and current leader of Azerbaijan Python User Group -> FB Python
- I have a micro blog on Quora about Python tricks -> PyTricks

Open Source activities:

- BUG reports for MySQL -> bugs.mysql.com
- MariaDB BUG report -> MDEV
- Find my name in MySQL relase notes:
  - 5.6.14
  - 5.6.16
  - 5.6.23
- Simple C/C++ Pull Requests:
  - PXB project open/closed - PRs

Driving licence   B, C

ADDITIONAL INFORMATION

Certifications

Certificates and Awards:

- Fundamentals of Reinforcement Learning
- Mathematics for Machine Learning: PCA by Imperial College London on Coursera
- Mathematics for Machine Learning: Linear Algebra by Imperial College London on Coursera
- Mathematics for Machine Learning: Multivariate Calculus by Imperial College London on Coursera
- Red Hat Certified System Administrator
- OCP MySQL 5.0 Database Administrator
- Toronto University online education Python 3 course - Python3 from Toronto University
- Badges from IBM - Big Data Online courses

Conferences
- Speaker at Oracle user group -> <u>AzerOUG</u>
- Speaker at Python meeting -> <u>Python meeting</u>
- Speaker at Linux meeting -> <u>Linux fest</u>
- Speaker at MySQL User Group meetup -> <u>AzeMUG</u>
- Attended Highload++ Moscow meetup in 2015
- Attended MySQL Moscow User Group meetup in Mail.ru office
- Visited Yandex office in Moscow for Percona talkings
- Attended global MySQL User Group leader summit in Bucharest-> <u>2016 MySQL User Group Leaders Summit</u>
- Attended Percona Live 2016 in Santa-Clara(San-Fransisco)
- Speaker at EDAYS-2016 activities in Baku/Azerbaijan
- and more...

Latest events:
- <u>CPython Internals</u>
- <u>CPython Internals - Exploring Python source code</u>
- Live Streams -> <u>Python User Group videos</u>
- <u>Open Source and Career impact</u>
- <u>Building Test Framework - with Python</u>
- <u>Exploring Python source code - CPython interpreter</u>
- <u>Python programming language fundamentals</u>
- <u>Python memory management</u>

Honours and awards
- Oracle ACE Associate award now giving some error on the link - <u>MySQL ACE</u>
- MySQL 5.7 Community Contributor Award Program 2015(see my name first) -> <u>MySQL CCAP</u>

Projects

My Open Source projects:
- MySQL-AutoXtrabackup commandline tool -> <u>Github link</u>
- --- The open documentation of AutoXtrabackup <u>-> readthedocs</u>
- Autotokubackup -> <u>Github link</u>
- TokuBackup stress test tool -> <u>Github link</u>
- Author of Open Source "Algorithms and Data Structures" book in native language -> <u>GitBooks link</u>