QIAN QIAN (RUDY) ZHOU

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QUALIFICATIONS AND SKILLS

- Agile
- Java
- Python & Bash
- Groovy
- Git
- Apache

- Ansible
- Oracle 12c
- Docker & Kubernetes
- RedHat JBoss 6/7
- Linux (RHEL, CentOS, Ubuntu)
- Jenkins

WORK EXPERIENCE

Senior IT Operations Analyst, Environment Integration and DevOps   Jan 2019 – Present
TD Bank Financial Group, Mississauga

- Creating DevOps Kubernetes PoC combined with Docker
- Develop nodejs CI/CD Jenkins pipeline to include continuous testing and to integrate an end to end workflow
- Onboarding team projects onto existing DevOps pipelines
- Designing and implement automated devops tools onboarding for new projects adopting CI/CD

Senior IT Developer   Oct 2017 – Dec 2018
TD Bank Financial Group, Toronto

- Utilized Java, Spring, Hibernate and Oracle to build and enhance business banking billing modules that handle complicated business rules
- Delivered application to live production in private cloud environment
- Participated in Agile ceremonies as part of a Scrum team for all project deliverables
- Maintain and expand current Jenkins CI pipelines

IT Solutions Developer III   Oct 2016 – Oct 2017
TD Bank Financial Group, Mississauga

- Implementing Openstack cloudify blueprints and building configuration management scripts via Ansible to support project cloud delivery
- Testing/building Jenkins CI pipelines and various other DevOps tasks related to configuration management and cloud deployments
- Developing related application monitoring, notification, and reporting tools (Splunk) to support designated vendor applications

Linux System Administrator   Oct 2015 – Oct 2016
Genome Sciences Centre, BC Cancer Agency, Vancouver

- Administration of multiple production & research Linux HPC clusters totaling ~1000 virtual and physical server instances
- Design and implementation of Docker related microservices
- Design, deployment and administration of Hortonworks Hadoop infrastructure and postgreSQL clusters

- Employing cloud configuration management via Ansible and building infrastructure as code

EDUCATION
M.Sc – Individualized Program   2014 – 2016
Concordia University, Montreal

B.Sc – Biochemistry/ Psychology   2009 - 2013
McGill University, Montreal

ABSTRACTS & PUBLICATIONS
The signature of liver cancer in immune cells DNA methylation. *Clin Epigenetics, 10*(1).
Zhang, Y., Petropoulos, S., Liu, J., Cheishvili, D., Zhou, R., Dymov, S., . . . Szyf, M. (2018)

DNA methylation controls unmethylated transcription start sites in the genome in trans. *Epigenomics, 9*(5), 611-633.
Cheishvili, D., Christiansen, S., Stochinsky, R., Pepin, A., Sapozhnikov, D. M., Zhou, R., . . . Szyf, M. (2017).

Associations among oxytocin receptor gene (OXTR) DNA methylation in adulthood, exposure to early life adversity, and childhood trajectories of anxiousness. *Scientific Reports, 7*(1).
Gouin, J. P., Zhou, Q. Q., Booij, L., Boivin, M., Côté, S. M., Hébert, M., . . . Vitaro, F. (2017)

Abstract: Impact of early life adversity on DNA methylation in the oxytocin receptor gene (OXTR)
Zhou Q.Q., Gouin J.P., Booij L., Tremblay RE. & Szyf M.
Journee scientifique du GRIP-Laval   May 2015

INTERESTS
- Board games
- LEGO
- Reddit