

Jane K. King

| janeaking704@gmail.com | gitlab.com/lisbethk | linkedin.com/in/kseniajane

EDUCATION

The University of North Carolina at Charlotte

Bachelor of Science in Computer Science, GPA: 4.00

December 2019

Kutafin Moscow State Law University

Bachelor's and Master's in Legal Studies, GPA: 3.95

May 2014

SKILLS

Languages: Python, Java, Bash, MySQL

Software & Tools: GitLab, Gitlab CI, Docker, Ansible, Terraform, Kubernetes, OpenStack, Jira, Confluence

EXPERIENCE

Cloud Development CoOp | Oracle

Morrisville, NC

January 2018 – August 2018

- ☐ Enhanced a Flask quota management tool to improve user experience and provide data requested by shareholders. Reduced transaction time by 75% by replacing OpenStack API calls with MySQL queries.
- ☐ Designed and built a garbage collection tool in Python to clean up orphaned pods in Kubernetes, added test stage to Gitlab CI, deployed to production.
- ☐ Expanded logging and monitoring for cloud infrastructure using Telegraf, Grafana, and InfluxDB.
- ☐ Integrated Fortify security scan into the existing workflow orchestration service.

Library Aide | Charlotte Mecklenburg Library

Charlotte, NC

May 2016 – December 2017

- ☐ Assisted customers with technology access and questions, provided guidance on the use of online resources.

Technical Support Lead | Playrix

Charlotte, NC

November 2014 – August 2016

- ☐ Provided first-rate technology assistance to customers via Zendesk: restored players' progress, resolved billing issues, collected and submitted bug reports to the development team.
 - ☐ Resolved an average of 600 inquiries per week, exceeding the average by 20%.
 - ☐ Served as a community forum moderator, providing support to new members, and generating engaging discussions.
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PROJECTS

CareerQuestions.Dev

- ☐ Led a 3-person team to develop a Ruby on Rails app which provides students with resources necessary for them to be successful in a job search.
- ☐ Set up Travis CI pipeline to automate build, test, and deploy processes.
- ☐ Containerized the app using Docker to ensure standardization, compatibility, and maintainability.

Google Maps Earthquake Monitor

- ☐ Built an interactive graphical program in Java using Unfolding Maps package and Processing Library.
- ☐ Fully tested the application using JUnit.