

Joyce Kung (she/her/hers)

2021 NEW GRAD SEEKING SRE/INFRA ROLES

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Education

Bachelor's in Computer Science (BCS), Minor in English Language and Literature Sept 2016 - May 2021 (projected)

UNIVERSITY OF WATERLOO

Relevant coursework

- Security and Privacy
- Database Management
- Distributed Systems (planned)
- Computer Networking
- Operating Systems
- Data-Intensive Distributed Computing (planned)

Awards: Walter R. Martin English 251 Award, Women in Cybersecurity Security Training Scholarship

Experience

DevOps Intern

Jan - May 2020

AUTODESK MAYA

- Created **Jenkins** jobs to streamline automated release tasks using **Python**, reducing time required by up to 75%
- Updated installer compatibility with other Autodesk components for an up-to-date user experience

Platform Engineering Intern (Android)

May - Aug 2019

SCRIBD

- Reduced Scribd Android app size by 40% by updating build process with Android App Bundling
- Implemented support for **Fastlane**, allowing for automatic deploys to Google Play through **Gitlab CI**
- Added new alpha/beta build types to support development features not yet stable enough for production

Android Developer, Co-op

Sept - Dec 2018

MUSE HEADBAND - INTERAXON

- Implemented new onboarding userflow to ease Bluetooth pairing for new users
- Created walkthrough tooltips to help users understand their meditation session results
- Prototyped running Python scripts in Android app to streamline development process

Software Engineer in Test Intern

Jan - Apr 2018

INFLUITIVE

- Performed manual cross-browser and API testing (Postman) of key features, ensuring product quality
- Created and updated unit tests in Java/TestNG to increase and improve test suite coverage
- Analysed test suite effectiveness by logging suite coverage in ES/Kibana, ultimately leading to CI test integration

Skills (alphabetical)

PROFICIENT: C++, Git, Python, SQL

FAMILIAR: Gitlab CI, Go, Jenkins CI, Kotlin, Linux

LEARNING: Ansible, Docker, Kubernetes, Terraform

Projects & Activities

KUBERNETES 1.20 RELEASE TEAM • CI Signal Shadow

Sept - Dec 2020

- Monitoring TestGrid (K8s end-to-end test dashboard), for anomalies/flakiness to ensure quality of master/release
- Investigating root cause of flaky tests and communicating potential solutions with Test Infra and other SIGs

GUESTBOOK WEBAPP • Git, GCP, Kubernetes, Python, SQL, Terraform

July 2020 - Aug 2020

- Uses Terraform to provision a Kubernetes cluster on GKE
- Uses Kubernetes to organize the Flask webapp and SQL database as services

SELF-UPDATING PROFILE • Github Actions • Pulls data from Goodreads to update book-of-the-week

July 2020