

Joyce Kung

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

Introduction to Cloud Infrastructure Technologies

THE LINUX FOUNDATION (VIA EDX)

May - July 2020

Skills (alphabetical)

PROFICIENT: C++, Git, Python, SQL

FAMILIAR: Github Actions, Gitlab CI, Jenkins CI, Kotlin, Linux OS

LEARNING: Ansible, Docker, Go, Kubernetes, Terraform

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

Projects & Activities

EXERCISM.IO PYTHON MENTOR • Offer feedback to students to help improve Python fluency

Aug 2020 - present

GUESTBOOK WEBAPP (PROJECT) • Git, GCP, Kubernetes, Python, SQL, Terraform

July 2020 - Aug 2020

- Created as a way to practice writing infrastructure as code
- Uses Terraform to provision a Kubernetes cluster on GKE
- Uses Kubernetes to organize the Flask webapp and SQL database as services

MATH FACULTY MENTORSHIP • Head Pink Tie (2017), Tie Guard (2019), Mentor (present)

Sept 2017 - present

- Coordinated 110+ first-year students throughout various team-building activities as a head leader
- Ensured events ran smoothly as an orientation coordinator
- Currently serving as a Mathematics Society First-Year mentor

SELF-UPDATING README • Github Actions • Pulls data from Goodreads to update weekly reading

July 2020