

# Keith Tang

STUDENT · COMPUTER ENGINEER

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## Education

### University of Ottawa

B.A.Sc. IN COMPUTER ENGINEERING

Ottawa, ON

Sep. 2017 - Present

- **Expected Graduation** - 2022
- **GPA** - 3.6/4
- **Relevant Coursework** - Data Structures and Algorithms, Databases, UI/UX Design
- **Activities** - Volleyball, Basketball, and Ultimate Frisbee intramurals

## Work Experience

### Micro Focus

DEVOPS ENGINEER

Kanata, ON

May. 2021 - August. 2021

- Worked on the Developer Operations team to improve quality analysis and streamline development workflow across the organization
- Helped improve repository code coverage by implementing Sonarqube quality assurance tool in CI/CD Jenkins build pipelines
- Created Python scripts to access API from web-based application lifecycle management platforms to update release managers using cron jobs for daily monitoring

### Micro Focus

UX DEVELOPER

Kanata, ON

Sep. 2020 - Dec. 2020

- Worked on the front-end team developing components with features and tests in React.js, ES6, and JSX
- Capitalized on emergent jira related issues, collaborating with the internal UX team to maintain and uphold product quality within our company portfolio
- Engaged with third party customers, gathering and surveying data on a variety of experiences for potential bugs
- Implemented and integrated quality enhancements from user survey data which improved UI functionality and product user-experience

### Micro Focus

QUALITY ENGINEER

Kanata, ON

Jan. 2020 - Apr. 2020

- Produced an automation system for the development lifecycle with Java, utilizing the Apache Hadoop architecture for integration processes
- Identified core issues and underlying bugs during the development onboarding pipeline, increasing productivity and developer ramp up rate
- Participated in daily scrums, contributing to new development features and taking on emergent tickets, reducing blockers and increasing the total team capacity
- Developed Bash scripts using Linux commands to efficiently and effectively deploy custom Intersect software on a wide range of Kubernetes clusters

## Skills

**Languages:** Python, JavaScript, Java, HTML, CSS, Groovy

**Technologies:** ReactJs, Git, Jenkins, Jira, Docker, Kubernetes, Gradle, TypeScript, Firebase, Bash, Selenium, Raspberry pi

**Concepts:** UI/UX Design, Data Structures and Algorithms, Agile Development, Object Oriented Programming, Operating Systems, API Design

## Leadership Experience

### Student Works Painting

INTERIOR DECORATOR

Markham, ON

Jun. 2018 - Aug. 2018

- Developed leadership and communication skills while working with teammates
- Strengthened teamwork skills to complete tasks and goals efficiently
- Obtained experience in adapting to problematic work scenarios

### MCBC VBC Summer Camp

CREW LEADER

Markham, ON

Aug. 2013 - Aug. 2019

- Volunteered as a crew leader for 6+ years at a 2 week vacation bible summer camp taking care of groups of children varying from ages 5-11
- Displayed leadership towards children by teaching them teamwork, creativity, and self-confidence

### Richmond Hill Soccer Club

INVENTORY DISTRIBUTOR

Richmond Hill, ON

Aug. 2016 - Aug. 2017

- Distributed soccer gear to upcoming youth members
- Promoted and helped grow the local community