

Shoaib Shaikh

Software Developer

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Education

University of Toronto – Honours Bachelor of Science

September 2015 – April 2020

- **Computer Science Specialist with Focus in Artificial Intelligence**
- **Economics Minor**
- **President's Entrance Scholarship**
- **Relevant Coursework:** Software Engineering, Systems Programming, Data Structures and Analysis, Algorithm Design and Complexity, Neural Networks and Machine Learning, Artificial Intelligence, and Operating Systems

Work Experience

Software Developer Intern – IBM Watson Customer Engagement

May 2018 – Present

- Working as a DevOps automation developer for IBM Watson Supply Chain Insights
- Building automation tools to test end-to-end critical flows using AngularJS and Protractor
- Integrating and maintaining Watson AI use cases in the application
- Creating test framework assets to facilitate continuous integration and deployment
- Working on increasing deployment rates to production from biweekly to daily

Teaching Assistant – University of Toronto

September 2016 – December 2017

- Helped coordinate and invigilate midterms and final exams
- Implemented ideas to streamline marking efficiency to decrease time to completion
- Answered students' questions about course content in an effective manner

Executive Coordinator – HackLassonde

September 2016 – April 2017

- Organized York University's first ever hackathon consisting of over 200 participants
- Acquired sponsors such as Redbull to participate in our event
- Mentored participants and helped them debug their code

Skills

Programming Languages: Java, Python, JavaScript, C/C++, C#, HTML/CSS, Kotlin, Swift, Solidity

Frameworks and Technologies: Git, Android, Firebase, Azure, Linux, Node.js, React, TensorFlow, PyTorch, Jenkins, Spring, Express, MongoDB, Docker

Technical Projects

Echo

- Developed an Android application that creates location-based public chat rooms
- Used Firebase and Google Maps API to manage the database and user location

AutoDecider

- Developed an Android application from scratch that helps users make decisions
- Implemented randomized decision making in Java to dynamically alter the UI

Postura

- Built an application in Python at MSFT Hacks to detect poor posture
- Used Azure's Computer Vision API to detect movement of anchor points

Best Mismatch

- Built a social network prototype in C using linked lists to keep track of users
- Implemented interprocess communication using a client and server socket