



Anant Ojha

BSc. Computer Science

Self-driven and motivated Software Development Engineer. Demonstrated ability in implementing, testing and presenting software functionalities. Solid understanding of Object-Oriented Design Principles, Product Development Life Cycle and Version Control Systems.

✉ anantojha10@gmail.com

📍 Ottawa, Canada

🌐 linkedin.com/in/anant-ojha

📞 (647) 515-7885

💻 anantojha.github.io/

🐙 github.com/anantojha

EDUCATION

Computer Science: Software Engineering Stream

Carleton University

Graduating in June of 2022

Courses

- Data Structures & Algorithms
- Programming Paradigms
- Mobile Applications
- Database Management Systems
- Software Economy and Project Management
- Operating Systems
- Neural Networks
- Software Quality Assurance
- Real-Time Concurrent Systems
- Object-Oriented Software Engineering

WORK EXPERIENCE

Developer, Cloud Engineering

Bell Canada

06/2022 - Present

Ottawa, Ontario

Achievements/Tasks

- Member of Automated Network & Security Infrastructure Team (ANSI)
- Refactored legacy infrastructure software for automated upgrades of Management Switches and Routers in Network Cloud Data Centres
- Decoupled parts of a large monolithic code-base into modular, portable components providing easier maintenance and consistent version control
- Released high impact Python code into production environments

QA Automation Engineer - Intern

Finastra

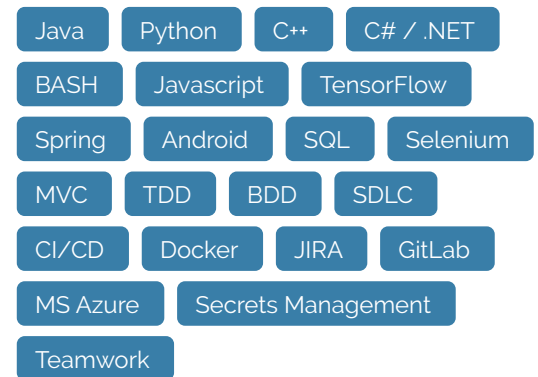
09/2020 - 08/2021

Toronto, Ontario

Job Summary:

- Member of Cross-Functional Feature team as a QA Engineer
- Tested web applications for Government of Canada's Integrated Student Loans System. (Two million plus active user accounts) 📄
- Tested functionality of backend APIs with Postman. Wrote automation tests with Selenium Framework (UI, Integration, E2E and Regression)
- Created Grafana dashboard to monitor automation test results. Service hook integration with Azure DevOp to update charts after deployments

SKILLS



PERSONAL PROJECTS

JobArc System (Java, SQL) 📄

- Honours Project: Online Job Board System
- Application Stack consisting of Android UI + Spring REST Api + MySQL Database, localhost connection

Tile-Rummy Multiplayer Game (Java) 📄

- Multiplayer Rummikub board game developed using TDD principles. Networked via TCP (sockets)
- Model-based testing using UML activity diagrams. Implemented parameterized JUnit & Cucumber tests

Elevator System Simulator (Java) 📄

- Distributed Elevator System built with Java threads. Implemented thread synchronization & scheduling
- UDP inter-process socket communication between Floor, Scheduler and Elevator Subsystems.

Android YouTube Player (Java) 📄

- Android app with embedded YouTube player. Search & watch YouTube videos (Google APIs)

AI Smile Detector (Python) 📄

- Real-Time Smile Detection of video feed using Convolution Neural Networks (Keras, opencv)
- CNN model trained with over 20,000 images

SCAPES COMPILER (C++, Qt Framework) 📄

- A low-level programming language (SCAPES), similar to x86 Assembly Code
- Implemented small-scale compiler for compiling and executing programs written in SCAPES syntax

WORK EXPERIENCE


Teaching Assistant (TA)

Carleton University

01/2022 - 04/2022

Ottawa, Ontario

Tasks:

- Course: COMP3004 - Object-Oriented Software Engineering (3rd year)
- Held weekly office hours and created tutorials videos & sample code 
- Graded assignments, tests and term projects with individual feedback

Information Technology Analyst - Intern

Manulife Financial

05/2020 - 08/2020

Toronto, Ontario

Job Summary:

- Supported senior engineers with ongoing IT development projects
- Assisted in maintaining user and system requirements documentation
- Participated in development of RESTful Microservices. Worked with ReactJs, Spring Boot, Docker Containers, and Windows SQL Servers.
- Extended Functionality of Internal Websites used by IT Department

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Limited Working Proficiency

INTERESTS

Cars

Basketball

Photography

Non-Fiction

Documentaries

Running

Coffee

Travelling