

# NIKITA SHUMEIKO

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## EDUCATION

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**University of Toronto**  
B.Sc. in Computer Science  
Focus in Systems Programming

*September 2016 - May 2022 (Expected)*

Relevant Courses: Data Structures and Algorithms, Introduction to Databases,  
Computer Organization, Systems Programming, Operating Systems

## EXPERIENCE

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### IBM

May 2020 - Present

*Back-end Developer Intern*

*Toronto, ON*

- Developed internal tools including a dashboard for displaying test statistics on DB2 SVT Scenarios and Java-based tool for generation of SQL Queries
- Configured and administered clusters of machines in AIX and Linux environments to setup and clean up Db2 instances as well as to fix environment problems
- Ran and modified testing scenarios and followed up on defects to ensure delivery
- Used Jenkins pipelines to increase efficiency of delivery of changes to testing scripts and configuration files

## PROJECTS

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### University Club Social Network

*JavaScript, React, Node.js, MongoDB, Ajax*

- Wrote MVP of React based club social media web app as part of a team of 3 others for CSC309
- Implemented efficient backend routing for processing and editing a database hosted with MongoDB

### TDSB Student Agenda

*Android Studio, Dart, OAuth2*

- Wrote MVP of an agenda application for the TDSB as part of CSC301
- Allowed students to organize their work, set goals and view performance metrics for their work

### Simple Router

*C, Networks*

- Implemented a simple router for forwarding and responding to specific packets
- Handled IP, Ethernet, ICMP, and ARP packets

## TECHNICAL SKILLS

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### Programming Languages

C, Python, Java, JavaScript

### Protocols & APIs

XML, JSON

### Databases

PostgreSQL, Relational Model, IBM Db2, MongoDB, JDBC

### Tools

Git, Vim, AndroidStudio