


# David Geller

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## Objective

To assist in creating better information, awareness and insight for Sunnybrook staff in order to elicit improvements in quality and performance of data, resulting in more informed decision making that leads to a better patient experience

## Summary of Skills

### Databases

- Entity-relationship modeling, normal form, ETL, creating and manipulating tables, indexes and views, creating and using complex queries in SQL, linking data sets

### Big Data

- Storage and process frameworks for large datasets, MapReduce Model, querying of structured data, key-value stores, column stores, document stores, graph databases, distributed stream processing frameworks

## Education

2015 – 2020

**Bachelor of Science, Computer Science**

*York University, 4700 Keele St, Toronto, ON*

2011 – 2015

**Ontario Secondary School Diploma**

*Newtonbrook Secondary School, 155 Hilda Ave, Toronto, ON*

## Experience

2020 – Present

**Critical Events – Screening**

*Sunnybrook Health Sciences Centre, 2075 Bayview Ave, Toronto, ON*

- Greeting and screening patients and visitors as they enter the hospital using standardized screening questions
- Ensuring that hospital Covid-19 policies are being adhered to
- Inputting outpatient and inpatient visitor information into visitor portal
- Developing excel documentation and data visualization for patient and visitor flow into the hospital
- Analyzing data on traffic flow at screening entrances

2018

**Pool Technician**

*Superior Pool and Spas, 4 Paget Rd, Brampton, ON*

- Cleaning and maintaining swimming pools
- Communicating with building management

## Technical (IT) Skills

### Tools

Eclipse, MS Visual Studio, MS Office Suite, MS Excel, MS Windows, Linux, MacOS

### Database Management

IBM Db2, PostgreSQL, PGAdmin, Apache Hadoop, MapReduce

### Natural Language Processing

NLTK Toolkit, Sentiment Intensity Analyzer, Vader lexicon

### Languages

Python, Java, SQL, C, HTML, CSS, JavaScript, Eiffel

### Research and Planning

Identifying Problems, Gathering Information, Developing Evaluations, Calculating Results

### Cloud-Based Technologies

## Soft Skills

Problem Solving

Teamwork

Communication

Interpersonal

Flexibility

Self-Management

## Interests

 Data Science

 Cyber Security

 Stocks

References available upon request.