

# Shaq Singh

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[github.com/shaqsingh/](https://github.com/shaqsingh/)

## Education

### University of Toronto (St.George)

2020

B.Sc. Double major in Computer Science and History & Philosophy of Science & Technology.

## Work

### Technical Instructor, Black Futures Now, Toronto, ON

10. 2019 – 07.2020

I designed and implemented a curriculum to teach a group of young adults HTML/ CSS, Javascript, GIS, and a mapping API in order to build [a basic website](#).

### Software Developer, Civic Hall Toronto, Toronto, ON

06. 2018 – 08. 2019

Built [a web app](#) using React for the City of Toronto.

Moved their paper-based grant processing system onto a digital Grant Management System.

### Research Assistant, University of Toronto, Toronto, ON

05. 2018

I assisted professor Matt Price on a trip to India. I helped set up and run [technical workshops](#) that aimed to help participants gain the skills needed to build and maintain basic websites.

### Research Assistant, Critical Making Lab, UofT, Toronto, ON

01. 2018 – 04. 2018

Conducted research, built prototypes and assisted in interviews for [a project](#) aiming to make civic data accessible to visually impaired people.

### Research Assistant, Technoscience Research Unit, UofT, Toronto, ON

04. 2017 – 08. 2017

Designed and developed [a website](#) for the Environmental Data & Governance Initiative.

Conducted data analysis for academic reports. Produced interactive data visualizations.

## Projects

**An extent based file system** written in C. Used FUSE, gdb, strace (coursework)

**A message queue** written in C. Used locks, condition variables and I/O multiplexing (coursework)

## Skills

**Languages** Javascript, HTML/CSS, Python, C/C++, LaTeX.

**Tools & Frameworks** React, Node, Express, QGIS, PostgreSQL, Git, Jekyll, WordPress, Unix command line, Adobe Photoshop/Illustrator/InDesign.

## Activities

### Steering committee member, Civic Tech Toronto

#### *Venue Sponsorship Lead*

08.2017 – 08.2018

I talked organizations such as McKinsey & Co., Rangle, Ontario's Open Government Office, and Sidewalk Labs into hosting the weekly hacknights in their spaces and sponsoring the dinners.

#### *Communications Lead*

09.2016 – 07.2017

I wrote all social media posts in order to expand our audience.