Shaq Singh

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github.com/shaqsingh/

Education

University of Toronto (St.George)   On Hold
B.Sc. Double major in Computer Science and History & Philosophy of Science & Technology.
18/20 credits complete.

Work

Front End Developer, Heliolytics, Toronto, ON   03. 2021 – Present
Working on internal web based tools using React, DeckGL, Hasura.

Contract Software Developer, Digital Justice Lab, Toronto, ON   09. 2020 – 12. 2020
Built several static websites using HTML, CSS, and vanilla Javascript.

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, 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, Ghost, WordPress, Unix
command line, Adobe Photoshop/Illustrator/InDesign.

Activities

Steering committee member, Civic Tech Toronto
Venue Sponsorship Lead   08.2017 – 08.2018
Communications Lead   09.2016 – 07.2017