

Hannah Brooks

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EDUCATION	<i>Bachelor of Applied Science</i> , Computer Engineering University of Toronto, expected June 2022 GPA: 3.15/4.0
EXPERIENCE	<div><div><i>Junior Developer Intern</i> Decker Medicine</div><div>September 2019 - Present</div><ul style="list-style-type: none">• Created single-page section for FAQ in React redesign.• Updating models and customizing queries to better suit the needs of the current website.• Pioneering collecting user analytics to improve funneling and customer satisfaction.</div> <div><div><i>Web Developer Student</i> RareConnect.org at SickKids</div><div>Summer 2019</div><ul style="list-style-type: none">• Worked on a variety of features on the website including implementing the “bookmarking” functionality and new sorting features on posts.• Began a new branch of project for RareConnect within SickKids to use for data collection.• Implemented file upload and storage, data organization in forms and doctor patient data base relations.</div>
PROJECTS	<div><div><i>GIS Mapping Software</i> Project for ECE297</div><div>Winter 2020</div><ul style="list-style-type: none">• For this coding class I worked in a team of three to create a functional city-mapping application in C++.• We used OpenStreetMap data in order to create a rendered map via an OpenGL-like interface.• Some algorithms we used for path-finding included A*, Dijkstra and Greedy.• Interface was created to be user-friendly and included features for toggling.</div> <div><div><i>Three Trees Co.</i> Side Project</div><div>Spring 2020</div><ul style="list-style-type: none">• This site was built over a weekend for a peer’s woodworking business.• It is written in HTML, CSS and Javascript.</div> <div><div><i>Text Editor</i> Project for ECE243</div><div>Winter 2020</div><ul style="list-style-type: none">• In the final project for computer organization I worked in a team of two to rebuild a classic text editor.• App is built in C using code for the ARM framework.• Notable features include use of character buffer, pixel buffer to implement copy, cut and paste as well as seamless cursor movement.</div>
COMPUTER SKILLS	<i>Languages:</i> C/C++, Python, Django, Java, Javascript, Matlab, Verilog <i>Tools:</i> Git, React, Linux, SQL (Postgres), Docker, Vim, Node.js