

Christopher Lewis

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EDUCATION

Sheridan College <i>Advanced Diploma, Software Development & Network Engineering</i>	April 2023 GPA: 4.0
University of Toronto <i>Bachelor of Engineering in Civil Engineering</i>	April 2018

AWARDS

Jonathan Campbell Memorial Award: Awarded for having the highest GPA in the program upon graduation (2023)

EXPERIENCE

Business Systems Analyst Intern <i>TD Bank</i> <ul style="list-style-type: none">Implemented changes within the mainframe system to improve database query response timeAssisted in project management tasks such as tracking milestones and managing timelinesCreated and updated documentation in Confluence to maintain business knowledge amongst group restructuring	May 2022 – Aug 2022
BlackBerry Experience Labs Intern <i>BlackBerry</i> <ul style="list-style-type: none">Set up, maintained, and upgraded virtual machines (Windows and Linux) in the BlackBerry Lab to create different testing environments and additional utility software (password management system)Tested BlackBerry cybersecurity defense software against industry leading breach and attack simulations to demonstrate the value of the software to potential customers and partnersCollaborated with BlackBerry partners to create cybersecurity packages for potential customers	Sept 2021 – Dec 2021
Quotations & Lighting Controls Specialist <i>Acuity Brands</i> <ul style="list-style-type: none">Designed lighting control systems based on engineering drawings and requirementsAssisted customers in selecting lighting solutions and providing quotes to them	July 2018 – Aug 2019

PROJECTS

YouTube Clone <i>Typescript, Next.js, Node.js, Express.js, Firebase, Google Cloud Platform, Docker</i> <ul style="list-style-type: none">Developed a full-stack web application mimicking the upload and watch features of YouTubeAllows users to sign in using their Google account via Firebase authenticationProcesses user videos using FFmpeg in an Express.js back-end, storing the videos in Google Cloud Storage and the metadata in Firestore DatabaseDeployed the application using Docker containers to Google Cloud Run
Facial Recognition Application <i>JavaScript, React.js, Node.js, Express.js, PostgreSQL</i> <ul style="list-style-type: none">Developed a full-stack web application where users can enter images to highlight the image's faceUses the Clarifai Face Recognition API to determine face coordinates before updating the image on the user's front-end to visually reflect itStore user credentials in a PostgreSQL database with passwords encrypted using bcrypt

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL (Postgres), HTML/CSS, Kotlin
Frameworks: React, Node.js, Express.js, Next.js, Tailwind
Developer Tools: Git, Docker, AWS, Google Cloud Platform, Firebase, VS Code, Hadoop, Spark, Linux
Libraries: pandas, NumPy, Matplotlib