

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">Optimized SQL queries, resulting in a 20% reduction in customer information retrieval time, enhancing system responsiveness and user experienceCoordinated and facilitated Agile stand-up meetings and retrospectives, contributing to a streamlined development process and improved team collaborationCollaborated with stakeholders to gather requirements and create user stories for TD WebBroker, ensuring seamless alignment of development with business objectives.	May 2022 – Aug 2022
Security Software Labs Intern <i>BlackBerry</i> <ul style="list-style-type: none">Orchestrated collaborative efforts with over 10 BlackBerry partners, leading to the creation of cybersecurity packages forecasted to generate over \$7 million in revenueConducted rigorous testing on BlackBerry cybersecurity software, evaluating resilience against more than 1000 simulated threats, ensuring robust protection against evolving security challengesEstablished and maintained over 20 virtual machines (Windows & Linux) to construct comprehensive testing environments for security software	Sept 2021 – Dec 2021
Quotations & Lighting Controls Specialist <i>Acuity Brands</i> <ul style="list-style-type: none">Designed lighting control systems for 100+ projects based on engineering drawings and requirementsAssisted customers in creating lighting solutions personally driving over \$2 million in revenue annually	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, TypeScript, C#, Kotlin, Swift, SQL, NoSQL, HTML/CSS
Frameworks: React, Node.js, Express.js, Next.js, Spring, Tailwind, LangChain, Jest, JUnit
Developer Tools: Git, Docker, AWS, Google Cloud Platform, Firebase, PostgreSQL, MongoDB, Linux, Jira, Confluence