

Jack Lowry

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Education

- **University of Toronto** – (2018 - Present)
 - Major in Information Technology and Computer Science
 - **Sheridan College Trafalgar** – (2019 - Present)
 - Joint degree with University of Toronto in Media and Information Technology
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Work Experience

- Software and Automations Engineer Co-op: **Technical Standards & Safety Authority** (Etobicoke, Summer 2022 - Current)
 - Currently leading the asset management application project, an application that provides an interface to the IT team for the tracking and archival of over 3k company assets and over 15k data points.
 - Providing scripts for the automation of various infrastructure tasks for the IT team.
 - Managed, encrypted, and decrypted 150 company laptops and phones during union disagreements to maintain the security, safety, and privacy of sensitive company data.
 - Customer Service, Warehouse: **Urban Nature Store** (Etobicoke, Summer 2020 - Winter 2022)
 - Maintained storefront stock, helped process, sort, and store large shipments of goods.
 - Learned efficient inventory management and scalable organizational skills.
 - Quality Control and Inventory: **Vitaly Jewelry** (Etobicoke, Spring 2019 - Fall 2019)
 - Inventoried and maintained quality standards of jewelry shipments to Vitaly's warehouse.
 - Sales Associate: **Skechers Inc** (Etobicoke, Summer 2018 - Winter 2018)
 - Achieved weekly sales goals through assisting customers in finding products and processing transactions with a Linux based POS system.
 - Food Preparations: **Conko Waffle Stand** (CNE, Summer 2017)
 - Prepared and served food in a fast paced, stressful, and busy environment in a timely manner while maintaining a clean workspace and conforming to food safety regulations.
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Relevant Projects/Experience

- **DopaDown.GG** | Fullstack and Contract Engineer
 - Designed and built a full stack application that allows for bookmaking with high level League of Legends games, using ERC20 standardized token payments in DAI and centralized oracle systems for game outcomes.
 - Built frontend using SvelteKit, backend and blockchain querying with Firebase, smart contracts written in Solidity and currently deployed on Polygon's Mumbai testnet.
 - **Polyheart Analysis Database (HackXplore 2019 Submission)** | Fullstack Engineer
 - Leveraged machine learning to build a proof of concept database using classification algorithms and React to provide the latest models that detect heart disease for healthcare professionals.
 - Designed and developed a user-friendly and easy to understand UI for the designated web app meant to be accessed by patients and healthcare professionals with React, Bootstrap and Figma.
 - **DeleuzeCoin (\$RHZOME): ERC20 Standardized token on the Binance Smart Chain** | Contract Engineer
 - Wrote and deployed an ERC20 standardized token in Solidity and deployed with Remix onto the Binance Smart Chain and made tradeable using liquidity pools on PancakeSwap, achieving a valuation of over \$38M.
 - **PGP Openstorage: Open source encrypted text storage** | Project Manager, Frontend Engineer, UI/UX
 - Managed a team of developers using Jira to create and allocate tasks, set deadlines, and ensure best git practices.
 - Used Figma and Illustrator to design and build a web-app front-end that is intuitive and simple for users to input and extract encrypted data from the database.
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Skills

- **Software Development Tools**
 - 6 years of experience with object oriented programming languages.
 - 3 years of experience designing and building websites, along with implementing modern web paradigms and accessibility standards.
- **Graphic Design, UI/UX, and A/V Production**
 - Almost a decade of experience with various image manipulation interfaces, graphic design software, digital audio workstations, and video editing software.
 - Lead highschool yearbook design team, utilizing adobe design suite and best git practices.
 - Taught DAW production and songwriting techniques, along with music theory basics.