

Hunter Chen | Calgary, AB
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Technical Skills: Python, C, JavaScript, HTML/CSS, Bootstrap, SQL/SQLite, Flask

Education

University of Toronto Toronto, ON
Honours BSc, Computer and Mathematical Sciences Sep. 2020 - Present

Projects

CoinPort - DeFi Dashboard | showcase.ethglobal.co/scaling/coinport Apr. 2021 - Present

Hackathon Project | Scaling Ethereum | *Python - Flask - JavaScript - ChartJS - HTML/CSS - Bootstrap*

- Collaboratively designed and created a web dashboard within 3 weeks to display in great detail a user's portfolio in the Ethereum DeFi environment, winning a sponsor prize of \$1000 USD
 - Utilized **Python** to collect and process data from several APIs to compile **historical market data** of over 4,400 tokens and prior balances of an address by processing up to 30,000 unique transactions
 - Displayed processed data in user-friendly and customizable graphs and charts on the frontend using **ChartJS** and **Flask** in a foundation of **HTML** with visual improvements using **Bootstrap** and **CSS**

SeCrypt - File Security Solution | hunterchen.me/secript Oct. 2020 - Mar. 2021

Personal Project | Calgary, AB | Python - Tkinter - Fernet

- Designed and wrote a simple application to encrypt and decrypt files utilizing **Fernet**, requiring proficiency in **Python** and a basic understanding of the fundamentals of **cryptography**
 - Hides file-unique keys using a sophisticated system involving alternate data streams.
 - Implemented a clean and functional **GUI** using **Tkinter**
 - Used on personal devices to secure files containing sensitive and/or personal information

Work Experience

Day Camp Counsellor Jun. 2019 - Aug. 2019 and Dec. 2019 - Jan. 2020

Shane Homes YMCA at Rocky Ridge, Calgary, AB

- Employed full-time as a camp counsellor for the Winter and Summer day camps
 - Led and creatively conceived novel physical and artistic activities, using limited resources, for over 200 children ages 3-13, as well as in smaller groups of up to 30 kids
 - Utilized excellent communication and teamwork skills to work harmoniously with children, parents, other camp counsellors, and other non-day camp YMCA staff members/volunteers
 - Effectively applied strong leadership skills to both lead kids, as well as giving guidance to teenagers ages 14 and up on becoming more independent and developing leadership skills

Awards

- Award for Best Use of the [Covalent](#) API - ETHGlobal Scaling Ethereum - 2021
 - University of Toronto Admission Scholarship - University of Toronto - 2020
 - Alexander Rutherford High School Achievement Scholarship - 2020
 - Third Place Nationwide - James Robertson Memorial Programming Competition - 2020
 - Fourth Place in Alberta, Canada - Canadian Chemistry Contest - 2019