

Hunter Chen | Calgary, AB
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Technical Skills: Python | C | JavaScript | HTML/CSS | 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 - May. 2021

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

- Designed and collaboratively created a web dashboard from the ground up **within 3 weeks** to display a user's presence in the **DeFi** environment in great detail, winning a sponsor prize of **\$1000 USD**
 - Utilized **Python** to collect and process data from several **APIs** to compile records of **historical market data** of over **4,400 tokens** and prior **user balances** 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/SeCrypt Oct. 2020 - Mar. 2021

Personal Project | Calgary, AB | *Python*

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

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, 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