

Hunter Chen | Calgary, AB
0x@hunterchen.ca | (403) 919-7606
hunterchen.ca

Technical Skills: Python | C | JavaScript | HTML/CSS | SQL/SQLite | Flask

Education

University of Toronto
Honours BSc, Computer and Mathematical Sciences

Toronto, ON
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](https://covalent.xyz) 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