

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

Technical Skills: Python, C, JavaScript, HTML/CSS, Bootstrap, 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 - 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/secrypt

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](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