Hunter Chen | Calgary, AB
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hunterchen.ca

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

Education

University of Toronto	Toronto, ON
Honours BSc, Statistics and Economics	Sep. 2020 - Present

Projects

CoinPort - DeFi Dashboard | showcase.ethglobal.co/scaling/coinport   Apr. 2021 - Jun. 2021
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**
- Compiled **historical market data** of over **4,400 tokens** and prior balances of an address by processing as many as **30,000 unique transactions** from several different **APIs** using *Python*
- Displayed processed data in user-friendly and customizable graphs and charts on the frontend using *ChartJS* and *Flask* on an *HTML* page with visual improvements implemented 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 using **object-oriented programming** in *Python,* utilizing the **Fernet** library, requiring a basic understanding of cryptography fundamentals
- 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 - Government of Alberta - 2020
- Third Place Nationwide - James Robertson Memorial Programming Competition - 2020
- Fourth Place in Alberta, Canada - Canadian Chemistry Contest - 2019