Oliver Francis

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https://github.com/olfrank

PERSONAL STATEMENT

A Bachelor of Science Geography graduate with a highly logical, pragmatic, and creative approach to solving problems. A self-starter with a well-rounded and developed understanding of Decentralised Finance and smart contract programming. A firm believer in decentralisation as an engine to accelerate the inclusion of marginalised communities and grant equal access to financial opportunities. Eager to be part of a blockchain community that cultivates and encourages individual growth and success while helping blockchain fulfil its potential.

Technical Skills:

- **Languages:** Solidity, JavaScript, HTML5, CSS3

- **Frameworks:** Truffle, OpenZeppelin

- **Tools and Libraries:** React.js, Web3.js, jQuery, Ganache, GitHub, Bootstrap

Other Skills:

- Communication skills (presentation, writing, debating)
- Ability to work well in a team
- Problem solving
- Analytical and research skills
- Critical evaluation and attention to detail
- Personal attributes such as time-management, development of responsibility, coping well under pressure, conscientiousness
- Creativity and design, as shown in my projects

EDUCATION

University of Reading- 2016-2019: 2.1 Bachelor of Science in Geography (Human and Physical).
Dissertation: Nuclear Power's Part in Sustainable UK Energy Security and Potential Implications Post-Brexit.

PROJECTS

- **Portfolio Website**- You can view my website here: https://olfrank.github.io/my-website/
- **Funky Felines (DApp)**- Clone of CryptoKitties, an NFT Marketplace and game where you can buy, sell, collect, and breed unique cat NFT's. Each cat has a DNA string that is correlated to its colours and attributes. Solidity breeding algorithm that randomly mixes the DNA from both parent cats to produce a unique kitten with a blend of attributes. https://olfrank.github.io/Funky_Felines_DApp/client/index.html
- **DEX (DApp)**- Is a rudimentary decentralised exchange. You can trade crypto assets via market or limit orders and learn about them and what a DEX is on the "getting started" intro page. Features a dynamic table orderbook and utilises openzeppelin library. https://olfrank.github.io/new_Dex_Dapp/client/index.html
- **Coin Tracker**- Using an API to fetch live data from coin paprika, you can view the top 10 crypto's current price. The website also features a mock account balance which can be used to purchase the assets listed. https://olfrank.github.io/coin-exchange/

CERTIFICATES

Ivan on Tech Blockchain Academy:

- Cryptography and Privacy Coins (May 2021)
- Decentralised Finance 201 (May 2021)
- EOS Programming 201 (May 2021)
- EOS Programming 101 (May 2021)
- Ethereum DApp Programming (April 2021)
- Ethereum Smart Contract Programming 201 (April 2021)
- Ethereum Smart Contract Security (April 2021)
- Ethereum Smart Contract Programming 101 (March 2021)
- React Web Development 101 (March 2021)
- Bitcoin Standard (Feb 2021)
- C++ for Blockchain Developers (Feb 2021)
- Decentralised Finance 101 (Feb 2021)
- JavaScript for Blockchain Developers (Feb 2021)
- Ethereum 101 (Jan 2021)
- Blockchain & Bitcoin 101 (Jan 2021)

EXTRACURRICULAR & INTERESTS:

- Planned and embarked on a five-month trip to South America in early 2020 (cut short due to COVID-19)
- Keen rugby player since primary school and continued throughout secondary school and university. Member of the Reading University Rugby Society throughout university and a regular 2nd and 1st team player
- Gold and Bronze Duke of Edinburgh's Award
- Volunteer with the Children's Country Holiday Fund (CCHF) Charity 2017, organising and delivering activities for children from disadvantaged backgrounds
- Combined Cadet Force (CCF) 2013-2016. Gained a Methods of Instruction qualification enabling me to supervise and teach fellow cadets
- Rugby, Skiing (cross-country and downhill), Health & Fitness, Music, Reading, Travelling, Photography