

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.

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.

Technical Skills:

- **Languages:** Solidity, JavaScript, HTML5, CSS3
- **Frameworks:** Truffle
- **Tools and Libraries:** React.js, Web3.js, jQuery, Ganache, OpenZeppelin, 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

PROJECTS

- **Portfolio Website-** You can view my website here:
- **Funky Felines (DApp)-** Is an NFT (ERC721) Marketplace whereby you can buy, sell, collect, and breed unique cat NFT's. Each cat has a DNA string that is directly correlated to its colours and attributes. The DApp features a breeding algorithm that randomly mixes the DNA from both the mother and father to produce a unique kitten.
- **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 the OpenZeppelin library.
- **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.

CERTIFICATES

Ivan on Tech Blockchain Academy:

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