

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 attitude with a well rounded and developed understanding of Decentralised Finance and smart contract programming. A firm believer in the future of decentralisation which will permit the inclusion of marginalised sectors and grant equal access to opportunities such as accessibility to learn, earn and grow. Highly motivated to be a part of the blockchain community that cultivates and encourages individual growth and success.

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, Node.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, creativity

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 OpenZeppelin library. Link: |
- **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. Link:
- **(Currently working on a MultiSig wallet DApp)**

CERTIFICATES

Ivan on Tech Blockchain Academy:

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

EXTRACURRICULAR & INTERESTS:

- Embarked on a five-month trip to South America in early 2020. However due to COVID-19, it was cut short.
- 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 Awards
- Children's Country Holiday Fund (CCHF) Charity 2017. Volunteering for 7 days working in a team of 6 to organise and deliver activities for children from disadvantaged backgrounds.
- Combined Cadet Force (CCF) 2013-2016. Achieved Methods of Instruction qualification enabling me to supervise and teach younger cadets in preparation for their CCF exams. Involved in the three, one-week CCF camps in Cornwall and Devon.
- Rugby, Skiing, Running, Music, Reading, Travelling