

## Annotated Bibliography

Calma, Justine. "The Climate Controversy Swirling around Nfts." *The Verge*, The Verge, 15 Mar. 2021, <https://www.theverge.com/2021/3/15/22328203/nft-cryptoart-ethereum-blockchain-climate-change>.

This article focuses on the climate impact when it comes to cryptocurrencies and NFTs. Cryptocurrencies and NFTs are responsible for the carbon emissions that negatively affect the world. This is due to the high-energy usage that blockchains and cryptocurrency mining use, overall leading to the high carbon emissions. Alternative solutions are presented to fix blockchain technology, but implementations have not been applied.

"What Is an NFT?" *OpenSea*, <https://opensea.io/learn/what-are-nfts>.

This article provides information for what an NFT is, additionally brushing upon the facts of blockchain and cryptocurrency, as NFTs have ties with them. NFTs are stored into a blockchain, which is proof of a transaction and authenticity of whatever product was purchased. NFTs are "non-fungible", meaning that its value is not the same compared to another of the same product, due to its authenticity.

Hayes, Adam. "Blockchain Facts: What Is It, How It Works, and How It Can Be Used."

*Investopedia*, Investopedia, 3 Nov. 2022, <https://www.investopedia.com/terms/b/blockchain.asp>.

This article provides information about blockchains. Different sections of the article discuss what a blockchain is, how it works, its security, its uses and its advantages and disadvantages. The main focus for this article was to gather information of what a blockchain is, due to how new NFTs and cryptocurrencies are. Blockchains are user devices in the network that store data like transactions, which is encrypted for only the owner of that specific block of data only able to access it.

Hong, Euny. "How Does Bitcoin Mining Work?" *Investopedia*, Investopedia, 5 May 2022, <https://www.investopedia.com/tech/how-does-bitcoin-mining-work/>.

This article provides information about Bitcoin mining. Different sections of the article discuss what Bitcoin mining is, how it works, why people do it, why it is needed, and the process of it. The main focus for this article was to gather information of what cryptocurrency mining is, due to how new NFTs and cryptocurrencies are. Although the information focuses on Bitcoin, cryptocurrency mining uses the same if not similar methods to Bitcoin mining.

Porterfield, Carlie. "NFT Artist Beeple's First Physical Piece Could Fetch \$15 Million at Auction." *Forbes*, Forbes Magazine, 21 Apr. 2022, <https://www.forbes.com/sites/carlieporterfield/2021/10/28/nft-artist-beeples-first-physical-piece-could-fetch-15-million-at-auction/?sh=44e6872462ce>.

This article provides information about Beeple, an NFT artist. It discusses Beeple's NFT art piece, "HUMAN ONE," which could be sold for fifteen million dollars. This shows not only the success that NFTs can be sold for, but also the versatility that an NFT can be. This digital art piece is a 3-D art piece that has an animation implemented, which cannot be done in physical art pieces without engineering involved.