CRPT 305 Currencies, Tokens, and Stable Coins

MICROCREDENTIAL AWARDED TO

AMOA DANIELLA APPIAH

Specific Learning Objectives:
Describe the historical context and development of cryptocurrencies, including the significance of Bitcoin as digital gold. (Knowledge) Explain the fundamental principles of blockchain technology, including distributed ledgers and consensus mechanisms. (Comprehension) Identify various types of digital assets, such as coins, tokens, and stablecoins, and their unique features. (Analysis) Evaluate the roles of validators, stakers, and nodes in securing blockchain networks. (Evaluation) Compare and contrast different types of cryptocurrency wallets, including hardware, software, and paper wallets. (Analysis) Demonstrate the ability to securely manage and store public and private keys. (Application) Differentiate between centralized and decentralized exchanges and their implications for cryptocurrency trading. (Analysis) Develop and implement personalized cryptocurrency investment strategies based on risk tolerance and market analysis. (Synthesis) Explain the fundamentals of decentralized finance (DeFi), including lending and borrowing platforms. (Comprehension) Assess the role of decentralized exchanges and automated market makers in DeFi ecosystems. (Evaluation) Evaluate the concepts of yield farming and liquidity mining within DeFi platforms. (Evaluation)

In partial fulfillment of the requirements for the nanodegree of

Blockchain Studies (CSC - BSTUD)

(4.5 Clock Hours) (80% Passing Score)

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