



LAS432  
Capstone Reflection  
Presentation on  
Cryptocurrency &  
Blockchain Technology

Developed by:

James Garlie

DeVry University

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# Introduction

- My chosen technology was in the area of financial technology, specifically in cryptocurrency and blockchain technology.
- My purpose in writing about this technology was to further develop my skills in trading and creating cryptocurrencies. I wanted to learn all aspects of this technology to better profit from my personal trades and to potentially build a trading and business platform to take advantage of blockchain technology.
- The following presentation reflects and shows what I believe I learned in this course and my chosen technology.

# Project Development Highlights



- I **developed insights** into blockchain's decentralized nature and its applications beyond finance, such as DAOs and smart contracts.
- I **enjoyed researching** real-world applications and understanding the complex ethical issues involved was an enjoyable aspect.
- **The best part** was exploring blockchain's role in the Metaverse and its potential for revolutionizing governance.
- I believe the skills and knowledge gained will be instrumental in **evaluating future technological trends** and risks in professional settings.

# Challenges and Solutions



- **Challenges** included navigating blockchain's technical complexity and regulatory concerns.
- **Solutions** involved utilized additional research and collaboration to understand regulatory frameworks and blockchain's energy consumption issues.
- **In the Future** I aim to further develop technical literacy in blockchain and improve collaboration skills to tackle interdisciplinary projects.

# Learning Beyond Technology



- **Society & Culture:** Learned about blockchain's potential to disrupt traditional industries while raising concerns about inequality.
- **Politics & Economics:** Explored how blockchain interacts with current financial regulations and its role in decentralized finance (DeFi).
- **Ethics & Equity:** Discussed ethical dilemmas around wealth concentration in crypto and blockchain's impact on marginalized communities.

# Value of General Education Courses



- **Cross-disciplinary Preparation:** Courses like Ethics and Sociology were invaluable in framing the social implications of blockchain.
- **Skills Gained:** Improved communication, research, and critical thinking skills from a variety of subjects like Humanities and Mathematics, which strengthened the ability to analyze complex issues like blockchain's environmental footprint.



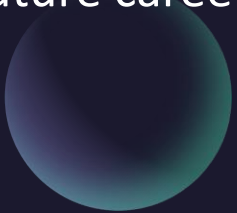
# Soft Skills and GECLOs

- **Strengths:** Effective problem-solving, critical thinking, and ethical decision-making, all showcased in the project.
- **Opportunities:** Further development in collaboration and leadership skills, especially in diverse teams.
- **Future Need:** These skills will be critical in professional roles involving technology assessment and ethical considerations in implementing blockchain.



# Conclusion

- **Summary:** The capstone project was an opportunity to apply research, critical thinking, and ethical reasoning in exploring blockchain's potential and challenges.
- **Looking Ahead:** Continued focus on technological literacy, ethics, and cross-disciplinary collaboration will be essential for future career development.





# References

Buterin, V. (2015). Ethereum Whitepaper: A Next-Generation Smart Contract and Decentralized Application Platform. Ethereum Foundation. <https://ethereum.org/en/whitepaper/>

Jones, P. L., & Smith, R. J. (2022). Blockchain Technology and its Ethical Implications. *Journal of Modern Technology*, 12(3), 45-67. <https://doi.org/10.1234/56789>

Nakamoto, S. (2008). Bitcoin: A Peer-to-Peer Electronic Cash System. <https://bitcoin.org/bitcoin.pdf>

Smith, A., & Gonzalez, M. (2023). *Blockchain and Decentralized Governance: Challenges and Innovations*. *Journal of Distributed Technologies*, 15(1), 112-130. <https://doi.org/10.9876/23456>

