

Course	Skills	Strenghts	Weaknesses	Github Examples of work
Quantitative Analysis of Business	linear programming, Statistical analysis, predictive modeling, decision-making techniques	Statistical analysis,	predictive modeling, linear programming	
Seminar in data analytics	logistic regression, linear regression modeling, hypotheses testing, machine learning tools, and	logistic regression, linear regression, hypotheses testing, R, RapidMiner	predictive modeling	
Data Mining Methods	online analytical processing, data mining concepts, tools and techniques. Principles of data analysis, classification, categorization, and sampling in	data mining concepts, Principles of data analysis, classification, categorization, and sampling in support of business intelligence operations.R, RapidMiner	online analytical processing	
Data & Info Management	Concepts of database systems emphasizing data storage, queries, database models and languages related to database design and	data storage, queries, database design and implementation, entity relational diagrams		
Tech Foundations	Foundational topics in structured and procedural programming, database management, and	HTML/CSS, structured query language, data normalization, and object modeling.	Software development, python, javascript	
Object Oriented Analysis and Design	Modeling to analyze and specify logical requirements in an organizational context. Emphasis on software development process, static architecture, dynamic models	database design and implementation, entity relational diagrams	software development process, static architecture, dynamic models and development cycles.	
Digital Forensics and Fraud detection	Identification of fraud and fabrication of information using	HTML, CSS, web programming,presenting findings	machine learning	

Current Issues in Cybersecurity	Study of various technical and managerial issues in association with cybersecurity. Topics include common attacking techniques; security protocols; real system implementations; network intrusion detection; risk assessment; web security; legal and ethical issues in computer security; governance and	common attacking techniques; security protocols; risk assessment; web security; legal and ethical issues in computer security, threat vulnerability management;	real system implementations, cryptography, Staying informed on the latest trends and threats in cybersecurity	
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