Focus Area	Course	Skills	Strongest	Weakest	Github Examples of work
Data Analytics Course 1	CIDM5310 Business Intelligence & Decision Support Systems	•Python •Azure AI & ML •Jupyter Notebook •PowerBI •Software Architecture •Problem Definition and Finding Data to use	•Problem Definition and Finding Data to use •Software Architecture •Python •PowerBI	•Azure AI & ML	https://github.com/jim-kinter/CIDM5310
Data Analytics Course 2	CIDM6312 Seminar in Information Visualization	PowerBI, Tableau, Psychology of Data Visualization, Good Design, Bad Design, Storytelling with Data	PowerBI, Good Design, Storytelling with Data	Psychology of Data Visualization	https://github.com/jim-kinter/CIDM6312
Data Mining and Management Course 1	CIDM6350 Data and Information Management	SQL, Database Design, Database Structure, Draw.io, ERD Diagramming	SQL, Database Design, ERD Diagramming	Draw.io	https://github.com/jim-kinter/CIDM6350
Data Mining and Management Course 2	CIDM6351 Business Data Extraction, Transformation, and Load	Data engineering, Data warehousing, Snowflake, Python, Pandas, GIT, ETL & ELT, Airflow	Python, Snowflake, Data Warehousing, Data Engineering	Airflow	https://github.com/jim-kinter/CIDM6351
Systems Development Course 1	CIDM6303 Technical Foundations of CIS	SQL DDL, SQL DML, Responsive Web Design, CSS, HTML, Data Science	HTML & CSS, SQL DDL, SQL DML, Data Science		https://github.com/jim-kinter/CIDM6303
Systems Development Course 2	CIDM6330 Software Engineering	Software Engineering, Domain Design, Python, API Design, Django, REST, Gherkin, TDD, Automated testing.	Django, Domain Design, API Design	Gherkin, TDD	https://github.com/jim-kinter/CIDM6330-Spring2025
Networking and Cybersecurity Coursre 1	CIDM6340 Network Management and Information Security	Wireshark, TCP/IP, Nessus, WinPCAP, ShieldsUp, Network Security Assessment, Information Management	Wireshark, Networks Security Assessment, TCP/IP, Information Management		https://github.com/jim-kinter/CIDM6340
Networking and Cybersecurity Coursre 2	CIDM6341 Cybersecurity Planning and Risk Management	Cybersecurity, Phishing, Security modeling, Information Management	Information Management, Cybersecurity, Information Protection		https://github.com/jim-kinter/CIDM6341