**Denis Soulima**

Education  
Southern Connecticut State University, New Haven, CT  
Bachelor of Science in Computer Science | Minor in Mathematics and Data Science   
Relevant Coursework: Data Analytics, Business Process Management, Information Systems, Software Engineering, Process Optimization

**Technical & Analytical Skills**

* Business Process Analysis & Documentation
* Data Analytics & Reporting (Excel, Power BI, SQL)
* Workflow Optimization & Process Mapping (Lucidchart, Visio, Miro)
* Microsoft Suite (Excel, PowerPoint, SharePoint, Power Apps)
* Python, SQL, R for Data Analysis
* Agile & Project Management (Trello, GitHub)
* Strong Analytical & Problem-Solving Abilities

**Experience  
Gaia Capstone Project** | Lead Developer  
Southern Connecticut State University | [Month, Year] – Present

* Developed a chatbot-based recommendation system integrating Flask, Rasa, and a PostgreSQL database.
* Analyzed business workflows to optimize user experience and data collection.
* Created process documentation and a user guide for system interactions.
* Designed Power BI dashboards for visualizing user engagement and recommendation efficiency.
* Led a cross-functional team to ensure project success and seamless integration.

**Data Engineer Intern**Victory Waves | September 2024– December 2024

* Analyzed and documented internal system workflows using Lucidchart and Visio.
* Developed structured guides for user interaction with data analytics systems.
* Created Power BI dashboards to visualize key business metrics and enhance decision-making.
* Proposed process improvements to align business procedures with system capabilities.

**Projects  
Data-Driven Process Improvement Tool**

* Built an Excel and Power BI-based tool to analyze workflow efficiency.
* Developed process flowcharts identifying inefficiencies and optimizing workflows.
* Reverse-engineered system reports to improve data accuracy and completeness.

**Automated Emissions Calculator**

* Developed a Python-based tool to estimate emissions from fuel expenditures.
* Integrated PostgreSQL for data storage and analyzed results using Power BI.

**Leadership & Involvement**

* Member, Data Science Club – Organized workshops on data visualization and analytics.
* Hackathon Participant – Developed a business intelligence dashboard for sustainability initiatives.
* Peer Mentor – Assisted students in understanding SQL and data processing techniques.

**Certifications & Training**

* Microsoft Power BI Fundamentals Certification (in progress)
* SQL for Data Science (Coursera)

**Additional Information**

* Passionate about business process optimization, data analysis, and environmental sustainability.
* Experienced in working cross-functionally to align business needs with technical solutions.
* Enthusiastic about contributing to innovative process improvement initiatives at Eversource Energy.

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• Led a team of three that won 3rd place in the NESS Statathon 2025, a regional data science competition focused on solving real-world statistical problems.