

# NICHOLAS OLSZEWSKI

Maple Shade, New Jersey (Open To Relocation)

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## Experience

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### MTF Biologics

Sep 2023 – Present

*Business Intelligence Associate, Applications Analyst*

*Edison, New Jersey*

- Saved \$50K in migration costs by independently assessing 300+ dashboards and migrating essential ones from legacy on-premise application to PowerBI cloud solution.
- Developed PowerBI dashboards on life-cycle data of bodily tissues; enabled R&D teams to identify crucial timeline metrics, reducing analysis time.
- Delivered data-driven insights to stakeholders by writing ad-hoc SQL queries, ensuring partners stayed informed on key performance indicators.
- Engineered a web-based request form to streamline the submission process for Power BI reports, improving work-flow efficiency.

### MTF Biologics

Jun 2023 – Sep 2023

*Information Technology Intern*

*Edison, New Jersey*

- Collaborated in the development of a Sales, Inventory, and Operations Planning process to optimize inventory levels based upon historical and current data, resulting in a 10% reduction in excess inventory.
- Created SharePoint sites, boosting cross-departmental collaboration through centralized access to resources and streamlined information sharing.
- Authored comprehensive documentation and user tutorials for technical applications, enabling all employees to understand and utilize different products effectively.

### Rutgers Division 1 Athletics

Aug 2022 – Jan 2023

*Athletics Marketing Intern*

*New Brunswick, New Jersey*

- Collaborated with a team of 20 interns to develop and execute marketing strategies aimed at boosting brand awareness, and attendance contributing to a total of seven games with an attendance of at least 50,000.
- Conducted research for sponsorship's, leveraging data to identify potential partnerships, and lead marketing campaigns leading to a 48% increase in football season attendance; highest of all Collegiate Football programs.

## Education

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### Rutgers University

Sep 2020 – May 2024

*Bachelor of Science in Business Analytics and Information Technology*

*New Brunswick, New Jersey*

## Academic Projects

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### Email to Sankey Graph Automation Pipeline | *Python, PostgreSQL, Pandas, SKLearn, SQL*

- Developed an automated data pipeline to fetch, categorize, and visualize email data using Python and PostgreSQL, enhancing the tracking and analysis of the job hunt.
- Implemented a PostgreSQL database schema for storing categorized email data, ensuring efficient data retrieval and enabling the seamless plotting of job hunt Sankey graphs for comprehensive analysis.

### LetterBoxd, and IMDB Movie Randomizer | *Python, TKinter, BeautifulSoup4*

- Built a random movie selection model incorporating user preferences from LetterBoxd or IMDB, with capability to filter by over 10 genres.
- Engineered a Python web scraper to extract movies from user watchlists or the IMDb Top 500 list, efficiently storing data in a Pandas DataFrame for analysis.

## Technical Skills

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**Languages:** Python, SQL, R

**Developer Tools:** Tableau, PowerBI, Power Automate, VS Code, Jupyter, Microsoft Excel