

Timothy Dance

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TECHNICAL SKILLS

Languages: Python, C#, SQL, TSQL, Swift, HTML, CSS, R, DAX, M

Frameworks: .NET, React, DAX

Tools: SSRS, Dapper, MySQL, Power BI, Tableau

Libraries: Pandas, NumPy, Scikit-learn, Polars, Flask

PROJECTS

Prepbear (ShellHacks 2025) | *React, Python, SQL, Microsoft Co-Pilot*

- Deployed an interview prep react web app using Google Gemini APIs to simulate real-time mock interviews.

Finacio (ShellHacks 2024) | *React, Python, SQL, Microsoft Co-Pilot*

- Built a React-based financial planner that helps users reach their goals.
- Trained a financial chatbot using Microsoft Co-Pilot with cleaned JSON data.

TLDR | *Python, JavaScript, Flask, BART AI*

- Built a Chrome extension that summarizes articles using a Flask-hosted BART model.
- Extracted text via JavaScript and created a summarization pipeline.

Study Den | *Python, Tesseract, ChatGPT, Unity*

- Created a learning app that extracts text from images using Tesseract script and feeds it to ChatGPT.
- Built educational mini-games in Unity based on extracted questions.

EDUCATION

Miami Dade College

Jan. 2020 – Jul. 2023

Bachelor's Degree in Data Analytics

Miami, FL

CERTIFICATIONS

Swift – Certified User

Dec. 2024

Business Industry Operations Certification

Jul. 2023

Business Intelligence Professional Certification

Jul. 2022

EXPERIENCE

True North Classical Academy

Jul. 2025 – Present

Data Analyst

Miami, FL

- Developed and deployed a React-based athletic profile website to replace a \$5,000 yearly subscription service.
- Built data pipeline endpoints for RenWeb, enabling seamless data access for the entire analytics team.
- Constructed behavior of dashboards that provided actionable insights and reduced student detentions by 20%.

IRM — International Reinsurance Managers

Mar. 2024 – May. 2025

Data Analyst

Miami, FL

- Created an inventory management system using T-SQL , integrated into a .NET Blazor application
- Developed an Python data pipeline to clean/ transform monthly reports, reducing processing time by 80%

Siembra

Nov. 2024 – Jan. 2025

Front-End App Developer Intern

Miami, FL

- Enhanced UI with SwiftUI and Built archive features by integrating API calls to backend

Miami Dade College

Aug. 2022 – Jun. 2025

Data Analyst Tutor

Miami, FL

- Tutored over 500 students in SQL, Power BI, Python, and Access.

Miami Dade College

Aug. 2022 – Jul. 2023

Data Analyst Intern

Miami, FL

- Led development of Tableau dashboards and predictive models to forecast STEM enrollment trends.

UDT IT Consulting

Sep. 2022 – Feb. 2023

Data Analyst Intern

Miami, FL

- Built and updated KPIs using Power BI leading to profit gains for our client business analytics.