

# Timothy Dance

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## TECHNICAL SKILLS

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**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

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**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

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Miami Dade College

Jan. 2020 – Jul. 2023

**Bachelor's Degree in Data Analytics**

*Miami, FL*

## CERTIFICATIONS

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**Swift – Certified User**

*Dec. 2024*

**Business Industry Operations Certification**

*Jul. 2023*

**Business Intelligence Professional Certification**

*Jul. 2022*

## EXPERIENCE

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**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.