Ben Tennyson

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Motivated Computer Science graduate with a strong foundation in programming, OOP, data structures, and algorithms. Hard-working, goal-oriented team player eager to apply problem-solving skills, enhance technical knowledge, contribute to innovative projects in software development or engineering, and grow my career. Ready to learn and collaborate in a fast-paced, technology-driven environment as a full-time employee.

EDUCATION

University of Texas at Dallas
B.S. in Computer Science | Graduated May 2025 | G.P.A 3.63/4.0

Relevant Coursework: Advanced Algorithms, Introduction to Machine Learning, Data Structures and Algorithms, Advanced Operating Systems, Database Systems, Computational Methods for Data Scientists

Collin College
Associate of Science (A.S.) | Collin College, Plano TX | Graduated May 2023 | G.P.A 3.87/4.0
Computer Science Certificate | Collin College | 2023

TECHNICAL SKILLS

Programming Languages:	JavaScript**,** Java, Python, C/C++, SQL, HTML, C#
Software Applications:	MS Office, GitHub
Databases:	MySQL, MS SQL Server
Libraries/Frameworks:	React, NextJS, ASP.NET, Pandas, Numpy, Scikit-Learn, Tensorflow, Keras
Operating Systems:	Windows 10 and 11

PROFESSIONAL EXPERIENCE

Calloway's Nursery, Plano, TX   03/2019 - 06/2020
Sales Associate

Developed strong customer service and communication skills, essential for interacting with clients and colleagues in IT. Consultant providing customers with information about various products. Managed stock and inventory.

Projects

Project Title: **Cross-Database Analysis Web App**

Developed a full-stack web application that aggregates data using popular web app frameworks and technologies. It has a robust and easy-to-use graphical UI made of React components. Application enables the user to upload data from multiple systems to a MySQL database, the analysis server fetches data and processes it, providing tracking of user system access to enhance security, ensure compliance, and monitor proper role-based access. https://github.com/BenTennyson4/crossDBAnalysisWebApp

Technologies: NextJS, React, HTML, MySQL, CSS, GitHub, Git

Project Title: **To Do List Web App**

Designed and developed a full-stack task management web application using C#, ASP.NET Core Web API, and SQL Server. Built and consumed RESTful APIs for CRUD operations, user notifications, and calendar-linked task retrieval, while designing relational database schemas with stored procedures. Created responsive UIs in HTML, CSS, and JavaScript and produced technical documentation (SRS, use cases, EER models, sequence diagrams) to support understanding and future development. https://github.com/BenTennyson4/CSharpToDoApp

Technologies: ASP.NET, C#, HTML, CSS, JavaScript, SQL Server, SQL Server Management Studio, GitHub, Git

Project Title: **Real Estate Valuation Prediction**

Designed and implemented a ML pipeline to predict real estate valuations using SGDRegressor, including data preprocessing, hyperparameter tuning, and performance evaluation with metrics such as MSE, R^2, and explained variance. Automated logging of experimental results, visualized predictions and residuals, and created baseline comparisons for model assessment. Technologies: Python, Scikit-learn, Matplotlib, Pandas, NumPy, Logging module

Project Title: **Math Expression Calculation Server and Client**

Developed a multi-threaded TCP server that computes simple infix math expressions. The server supports concurrent connections from multiple clients using a thread-safe blocking queue. A fixed thread pool computes the results, and responses are delivered to clients in FCFS order. Server also logs client information, such as IP, port number, and connection time. https://github.com/BenTennyson4/ComputerNetworkingProject

Technologies: Java

CERTIFICATIONS

AWS Certified Cloud Practitioner — Amazon Web Services (Earned Oct 12, 2025)