

Toby Veteikis

Computer Science Student | Software Developer | AI Enthusiast

Contact Information

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Objective

As a passionate and dedicated Computer Science student at Texas Tech University, I aim to leverage my skills in software development, artificial intelligence, and human-computer interaction to create accessible, user-friendly applications. My goal is to contribute to innovative projects that solve practical challenges, foster collaboration, and push the boundaries of technology.

Education

Texas Tech University — *Bachelor of Science in Computer Science*

Expected Graduation: December 2025

Relevant Coursework: Data Structures, Algorithms, Machine Learning, Software Engineering, Human-Computer Interaction

Technical Skills

- **Programming Languages:** Python, JavaScript, Java, C++
 - **Frameworks & Libraries:** React.js, Node.js, Express.js, Flask, TensorFlow, PyTorch
 - **Tools:** Git, Docker, MongoDB, PostgreSQL, Firebase
 - **Concepts:** Machine Learning, Algorithms, Data Structures, UI/UX Design, RESTful APIs, Cloud Computing
 - **Software:** VS Code, IntelliJ IDEA, Jupyter Notebook
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Projects

Study Group Finder App (Jan 2024 - Present)

A platform designed to help students find study partners based on courses and preferences. Built with React.js, Node.js, and MongoDB.

- Developed user authentication and profile management features.
- Created an algorithm for matching students based on their course and study preferences.

Multiprocessing in Python Project (Jan 2024 - Present)

A Python-based project that demonstrates the power of multiprocessing for handling large-scale data processing tasks.

- Developed efficient algorithms for parallel data processing using Python's multiprocessing library.
 - Improved the performance of large dataset computations by utilizing multiple CPU cores.
 - Implemented task management and result aggregation to handle distributed processes effectively.
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Work Experience

Freelance Developer — *Self-employed* (Jan 2022 - Present)

- Developed custom web applications and websites for small businesses.
- Worked with clients to define project requirements and deliver high-quality solutions on time.

Extracurricular Activities

- **Reselling Memorabilia:** Operates an online sports memorabilia store, honing skills in e-commerce, marketing, and financial management.
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References

Available upon request.