Reese Stichter

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EDUCATION

Boston University, Boston, MA May 2027
B.A. in Computer Science. GPA: 3.67, Dean's List (Fall 2024, Spring 2025, Fall 2025)

Clemson University, Clemson, SC Aug 2023 - May 2024
BS Computer Science. GPA: 4.0. Dean's List (Fall 2023, Spring 2024).

RELEVANT COURSEWORK

Data Structures & Algorithms, Computer Systems, Databases, Algorithm Analysis, Software Engineering, Web Development

ACADEMIC PROJECTS

Daily Free Press (DFP) BU Games Website (Languages: Python/JS/CSS/HTML) January 2026
- Contributed to a full-stack web application using Django for backend routing and server-side templating
- Built interactive, accessible UI components with HTML/CSS/JS including responsive layouts and real-time validation
- Integrated frontend and backend systems to dynamically update leaderboards and persist game results

Rankify - Social Music Review Website (Languages: HTML/CSS/JS) September 2025
- Integrated **Spotify Web REST API** to dynamically render artist and track data for user song selection
- Implemented **merge sort** algorithm to efficiently rank and filter large song datasets to optimize performance

Personal Website (reesestichter.com) (Languages: HTML/CSS/JS) June 2025
- Built responsive website using semantic HTML, modern CSS and JavaScript with a modular frontend structure

Clock In - Study Timer & Schedule Tool (Languages: Python/JS/CSS/HTML) April 2025
- Implemented **Flask backend** routing to support multi-page navigation and preserve user session data
- Designed Study Page UI and engineered all user customization features like backgrounds, ambiance and aesthetics

Interactive Big Brother Simulator (Language: C++) Summer 2024
- Developed a modular C++ simulation using object-oriented programming (OOP) principles and complex classes
- Engineered **modular and flexible code structure** with unit testing and isolated component testing

LEADERSHIP EXPERIENCE

Boston University Spark! Initiative Jan. 2026 - May 2026
Technology Innovator Fellowship
- Led a cross-functional software development team using **Agile and Scrum** methodologies, facilitating design and development sprint planning, execution, and retrospectives
- Conducted 30+ stakeholder interviews and surveys to validate user pain points and inform software requirements
- Developed a productivity web application in **React** with user profiles, dynamic task scheduling, RESTful APIs, **database management**, and persistent user data storage

Boston University Computer Science Club Jan. 2026 - Present
Full-Stack Developer & Project Lead
- Led **weekly Scrum meetings** to review progress, set milestones, and adjust scope based on technical constraints
- Served as **Requirements Engineer** by translating stakeholder goals from the Daily Free Press into clear, prioritized, and **actionable software requirements**
- Delegated work **between frontend and backend developers** to ensure proper project **development pacing**

Boston University Bunion & Pinky Toe Newspapers Jan. 2026 - Present
Website Developer & Technical Leader
- Maintain **two club websites** using Squarespace and **custom HTML, CSS and JavaScript** to optimize user experience
- Optimized **frontend behavior with responsive design**, cross-device compatibility, and **SEO best practices**

CAMPUS INVOLVEMENT

Boston University
Boston University Survivor Club, Treasurer & Chair of Game Design Jan. 2025- Present
Boston University Sigma Chi Fraternity, Chair of Mental Health Jan. 2025- Present

SKILLS

Languages/Frameworks: **Java**, Python, JavaScript, C, C++, HTML, CSS, **React, SQL**, MySQL, Django
Developer Tools: Git, MongoDB, Linux, REST APIs, Flask, Django, Figma, Valgrind, GDB