

Brent Daniels

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EDUCATION

College of Charleston

Bachelor of Science in Computer Science

Charleston, SC

Expected Dec 2025

Awards: Access to Excellent Scholar Scholarship

Activities: Russian Club, Black Student Union, and Intramural Basketball

Courses: Data Structures And Algorithms, Server Side Programming, Software Engineering Capstone, and Networking

SKILLS

Technical Skills: Computer Networking, Programming, Hardware, Software Design and Troubleshooting

Soft Skills: Attention To Detail, Teamwork, Communicator, and Professionalism

TECHNICAL PROJECTS

- **“R/Space”** | *Node.js, WebSockets, TypeScript, Git, JavaScript, Tailwind CSS* – Developed an interactive artistic platform enabling real-time collaboration with WebSockets, optimized frontend interactivity, and enhanced backend efficiency alongside CS classmates.
- **WeatherNow** | *React, JavaScript, OpenWeather API, Tailwind CSS* – Designed and developed a responsive weather application that retrieves real-time weather data by city or coordinates, featuring geolocation support, dynamic UI updates, and extended forecast display using API integration.
- **“Robot-Invader Game”** | *OpenGL, GLUT, Java, HTML, CSS* – Created a 3D web-based game with real-time rendering, smooth animations, and interactive gameplay using OpenGL, GLUT, and Java.
- **“Forage Externships”** | *Goldman Sachs, Electronic Arts, Telstra* – Completed work simulation programs in cybersecurity, software development, and telecommunications, receiving direct feedback from company representatives on performance and industry best practices.

WORK EXPERIENCE

College of Charleston

STEP Peer Academic Coach (PAC)

Charleston, SC

April 2023 – Feb 2025

- Provided individualized academic support to students in the STEP program, fostering success and retention.
- Conducted weekly meetings to develop tailored academic action plans aligned with students’ goals.
- Collaborated with CSL staff to connect students with essential campus resources and support services.
- Achieved a 90% retention rate within the cohort through proactive coaching and engagement.

College of Charleston

IT-Audio Visual Technician

Charleston, SC

Jan 2022 – Mar 2023

- Proficiently configured and operated multimedia interfaces and hardware for a wide range of events, including conferences, meetings, and presentations, utilizing Crestron control systems to streamline audio-visual workflows.
- Leveraged knowledge of multimedia interfaces and protocols, including HDMI, DisplayPort, and VGA, to facilitate connectivity and compatibility across diverse hardware platforms including IP-based devices.
- Provided comprehensive support and maintenance for multimedia equipment, implementing proactive measures to minimize downtime and maximize reliability throughout the event lifecycle.

INTERESTS AND AFFILIATIONS

Interests: Software, hiking, data analysis, russian, and jazz music