

Garrett Compston

Greater Boston Area • (508) 818 - 8264 • garrettcompston@gmail.com • gcompston.com

Computer Science and Music Technology student currently pursuing interests in software engineering, digital signal processing, embedded development, communications technology, game programming, audio production, and much more. I have a wide, interdisciplinary background, shaped by my curiosity and eagerness to learn, which I bring to every position that I have taken. I bring that background to all of the work that I complete, as well as my dedication and detail orientation to bring that work to a place of excellence.

Experience

Product Quality Assurance and Sales Analytics Co-op | RF Venue

Walpole, MA | January 2024 – June 2024

Provided quality assurance testing for multiple product releases of rack mounted wireless microphone and IEM accessories. Markedly improved quality on certain products after early testing and requesting specific redesigns. Additionally aided sales team with data analysis and visualization tasks to improve knowledge of customer base and how best to serve them.

Programming Dir., Asst. Tech Dir., On-Call Technician | WRBB 104.9 FM

Boston, MA | October 2021– Present

Served in multiple roles at WRBB over multiple years, some simultaneously. As programming director, redesigned scheduling process to better serve Northeastern's unique semester pattern and aided in transition into new fully digital broadcast studio during the summer/fall of 2023. As technician and assistant tech director, oversaw maintenance and upkeep of full signal path of the WRBB studio.

Skills

Coding Languages/Environments: C++, C, C#, Unity, Java, Python, TypeScript, MATLAB

Embedded Circuits: PCB Layout/Testing (KiCad, LTSpice), Arduino

Audio Processing/Editing/Design: Max/MSP, Audacity, REAPER, Ableton, Adobe Audition

Education

Northeastern University | Boston, MA

Bachelor of Science Computer Science and Music Technology | 4th Year | 3.1 GPA

Currently taking coursework in software engineering, algorithms, game programming, signal processing, acoustics, and analog and digital sound production.

Certifications

FCC Amateur Radio Extra Class – Callsign KW1RM • Training for Intervention Procedures (TIPS) Alcohol Certification, Massachusetts