

Miles Acquaviva

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Profile	<p>I am a self-motivated, multi-talented, creative student looking for an internship this summer. With my technical expertise and musical creativity, I am a unique asset that can breathe new life into your team. With my wide range of experiences, I can provide a new way of thinking for every problem I face.</p>
Technical Knowledge	<p>OSes: Windows (NT, XP-11), macOS (System 7-12), Linux (Ubuntu, Arch, Debian, Raspbian, Android)</p> <p>Languages/technologies: C, C++, Swift, Java, Python, x86 Assembly, Bootstrap, Jekyll, React.js</p>
Experience	<p>Freelance IT Specialist – 2018–Present</p> <p>I've worked with individuals, offices and government authorized agencies to set up hardware and software on multiple different platforms, such as macOS, Windows and Linux. In addition, I have written software for unique use cases, including a program in use at the Walt Disney Company.</p> <p>Composer's Assistant – 2021–Present</p> <p>I work with a Hollywood film composer, helping with musical transcriptions, engraving and audio mixing.</p> <p>Social Media Manager, <i>Cheers Queers</i>, Philadelphia, PA – 2021-2021</p> <p>I developed marketing content such as emails and promotional materials for social media, in addition to collaborating with multiple artists to create a website that is both visually appealing and functional.</p> <p>Web Presence Manager, <i>The Music Box</i>, Hamilton, NJ – 2019-2020</p> <p>I built and managed the website for the store, in addition to maintaining an online marketplace via eBay and Reverb, where I managed sales, kept track of inventory and communicated with customers.</p>
Education	<p>Berklee College of Music – Incomplete, 2019-2020 - 3.9/4.0 GPA</p> <p>At Berklee, I received a World Tour scholarship in addition to making the Dean's List each semester and holding leadership positions in Berklee Esports and the G/M Jam.</p> <p>Rutgers University – Bachelor of Music, 2020-2024 - 3.6/4.0 GPA</p> <p>At Rutgers, I am pursuing a double major in Music Education and Computer Science where I am making the Dean's List each semester and keeping my position as first violin in the Sinfonia orchestra.</p>
Projects	<p>MCOC Database Creator - Python, Google Tesseract, OpenCV, SQL, Visual Studio Code</p> <p>This program uses OCR and optical image recognition to write SQL code to create a database of characters from the game.</p> <p>Exploria - Swift, SwiftUI, Xcode</p> <p>This is an iOS app that learns from the user's preferences to generate a list of sights to see in any given location, based on the user's previous preferences. A researcher at the MIT Media Lab uses this project as an example for his students.</p> <p>G/M Jam Website - HTML, CSS, JavaScript, Bootstrap, Visual Studio Code</p> <p>This website is home to the G/M Jam, an annual event created in collaboration with Square Enix, Berklee College of Music and Nexim.</p> <p>Cache Simulator - C, CLion</p> <p>This program simulates an L1 cache, with and without prefetching. The program can simulate a cache with different replacement policies, associativities, and block sizes</p>
Skills/Honors	<p>Violin, piano, foreign language studies, musical arrangements, National Honor Society</p>