

Lucas Burkholder

(781) 999-3870 | lucasburkholder27@gmail.com | <http://www.linkedin.com/in/lucas-burkholder>

SUMMARY:

Engineer experienced designing software & hardware, seeking product software development opportunities

EDUCATION

University of Miami, Coral Gables, FL Expected May 2023, **GPA: 3.89 / 4.0**

Bachelor of Science: Music Engineering Technology **Minor: Computer Engineering**

- **Honors:** President's Scholarship, Provost's Honor Roll and Dean's List
- **Relevant Coursework:** Audio Signal Processing I and II, Data Structures, Programming, Digital Logic Design, Circuit Theory, Processors: Hardware, Software, & Interfacing, and Algorithms (Fall 2022)
- **Technical Skills:** Proficient in: MATLAB, object-oriented programming (Python, Java, C++), ARM assembly programming, hardware integration (Raspberry Pi/Arduino), audio recording/mixing (Pro Tools), video editing with Adobe Premiere, and web design. Novice in: Android development (Java) and database management (SQL)

WORK & LEADERSHIP EXPERIENCE

Alert Innovation (<https://www.alertinnovation.com/>) **Andover, MA**

Manufacturing Test Engineer Intern June 2022 - August 2022

- Improved documentation for configuration and provisioning of Product IT server
- Helped contract manufacturer to streamline receiving of IT products

Mobius Mobility (<https://mobiusmobility.com/>) **Manchester, NH**

Video Production Intern May 2021 - June 2022

- Work with video contractors, capturing footage to be used in iBOT® PMD user training videos
- Set up a training website using LearnDash, helping expand the iBOT training program nationwide

Self-Employed

Website Designer (examples: peggy-cottage.com, nextlvlmusicgroup.com) March 2019 - Present

- Designed responsive websites for businesses and individuals, helping their brand come to life
- Used HTML5, JavaScript, and CSS with the Bootstrap framework, implementing contact forms with PHP and SQL

NextLVL Music **Lexington, MA**

Owner June 2015 - Present

- Started successful DJ, Music Production, and Recording business with several repeat clients
- Hire and train DJs and Emcees to put on larger events and ensure they run smoothly
- Produced, recorded, and mixed a compilation album in collaboration with several artists

University of Miami Recording Services **Coral Gables, FL**

Lead Recording Engineer September 2019 - Present

- Work with clients to prepare and set up for concerts, ensuring smooth sound checks and shows
- Record and mix live recitals and concerts, helping musicians get their best possible sound
- Delegate setup and teardown responsibilities to assistants so that large shows happen efficiently

Vector Marketing **Bedford, MA**

Assistant Sales Manager July 2019 – January 2021

- Recruited and trained Sales Representatives, helping to build a new district team
- Developed a network of relationships, showing products and helping company reach new customers
- Sold kitchen equipment (over \$31,000 in personal sales)

ACTIVITIES & INTERESTS

Activities: Social Fraternity Alpha Sigma Phi, Music Production/DJ Club

Interests: Music Production, Game Programming, Electronic Circuit Design