

Nick Granitsas

978.382.2752 • nickgranitsas611@gmail.com • <https://www.linkedin.com/in/nick-granitsas/>

Meticulous, reliable, and motivated Computer Science and Music Composition student. Skilled in both technical and hands-on tasks, adapting quickly to new challenges. Committed to doing work the right way rather than the easy way. Grounded in persistence, integrity, and a strong work ethic. Academic and professional experience showcase accountability, collaboration, and innovation in carrying out complex work across educational and applied settings.

Education

Gordon College, MA | Standing Senior, Anticipated May 2028

- Pursuing B.S. in Computer Science and B.A. in Music (Composition)
- GPA: N/A – Starting Fall 2026

University of Massachusetts Lowell, MA | Standing Senior, 2024 - 2026

- Pursuing B.S. in Computer Science (Cybersecurity) and B.A. in Composition for New Media
- GPA: 3.92
- Relevant Coursework:
 - Computing I - III, Intro to Computer Security, Calculus I & II, Discrete Structures, Logic Design

Skills

Languages: C++, Python, C, Java

Concepts: Cryptography & Secure Coding, Network Programming, Authentication & Session Management, Object-Oriented Programming, Data Structures & Algorithms, Memory Management, Bitwise Operations, File I/O, Recursion

Tools & Technologies: Visual Studio 2022, Visual Studio Code, Git & GitHub, Terminal, Ubuntu, Emacs, Apache NetBeans

Work Experience

CTS Help Desk Representative – Gordon College, Wenham, MA | May 2026 - Present

- Providing the Gordon College community with frontline IT support – password resets, device connectivity, equipment checkout, and ticketing – while maintaining access to sensitive college systems with integrity and discretion.

Beats by Dre – Marketing and Consumer Analytics Extern – Extern, Remote | May 2026 - August 2026

- Working with the Beats by Dre marketing team to create qualitative and quantitative consumer insights.

Events Production & Audio Intern – Events United, Derry, NH | June 2024 - August 2024

- Worked across live sound, staging, and logistics at large-scale events like NASCAR and Hillfest, supporting both technical setup and on-the-ground execution in fast-paced environments.

Stagehand – SP Sound & Production, Lowell, MA | February 2025 - Present

- Assist with technical setup and backstage operations for touring productions at Lowell Memorial Auditorium, including WWE NXT Heatwave and Riverdance.
- Support crews in preparing and striking complex staging and AVL systems for live events.

Retail Cashier – Burlington, Haverhill, MA | August 2025 - Present

- Provide customer service and ensure secure, accurate handling of thousands of cash and card transactions.

Projects

SecureDrop | Python

- A multi-client secure file transfer system with layered cryptographic protections: bcrypt password hashing, PBKDF2-derived AES-GCM encrypted storage, SHA-256 file integrity verification, and session-scoped key management across TCP connections. Developed collaboratively using Git and GitHub for version control and code integration.

Hearts Game | Java

- A 4-player Hearts card game using Swing GUI, applying object-oriented design across multiple classes (Card, Deck, Player, Trick) to manage game logic and user interaction.

Weighted Musical Note Generator | C++

- A customizable program for generating weighted random musical notes, applying probability, algorithm design, and user configurability to simulate realistic outputs.