# Clara Santodomingo

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Boston, MA *(Open to Relocation)*

## EDUCATION & SKILLS

**Northeastern University,** *Khoury College of Computer Sciences,* Boston, MA          *Sept 2022 – Present*
Candidate for a B.S. in Computer Science and Music Technology          *Expected May 2026*
**GPA:** 3.6/4.0 | Dean's List | Dean's Scholarship

## TECHNICAL SKILLS

**Languages & Frameworks:** Python, Java, JavaScript, TypeScript, SQL, React
**Data & Cloud:** AWS (Glue, Lambda, S3), OpenSearch, GraphQL
**Tools:** Git, GitHub, VS Code, Figma, Excel, Google Workspace, Microsoft Office

## EXPERIENCE

**International Computer Music Conference,** Boston, MA          *Jan 2025 – Jun 2025*
*Organizing Committee Co-op*

- Automated data consolidation and cleaning using Python and Excel, reducing registration processing time from 20 hours to 2 hours (90% faster).
- Developed workflows to track and assign housing logistics for 60+ attendees using Excel formulas/macros, improving check-in speed and reducing conflicts.
- Designed communication and scheduling systems for 10-person student committee, coordinating event ops across 8 venues and minimizing onsite issues for 400 participants.

**Wood Mackenzie,** Boston, MA          *Jan 2024 – Jun 2024*
*Software Engineer Co-op*

- Developed a client-facing time series slider in Java, extending functionality of core widgets used across multiple industry teams.
- Implemented an LNG asset search index using Python, OpenSearch, AWS Glue, Lambda, S3, and Jenkins, expanding entitlement-based search capabilities to production users.
- Participated in Agile sprints with Jira, contributing via pair programming, code reviews, and CI/CD pipelines.

## LEADERSHIP & PROJECTS

**Pawtograder,** Northeastern University, Boston, MA          *Sept 2025 – Present*
*Project Manager, Full-Stack Developer*

- Developing full-stack features (surveying, automated group formation) using React, TypeScript, and Supabase for a university-wide autograding platform serving 3,000+ users.
- Building instructor and TA dashboards for survey analytics and visualization, incorporating end-to-end testing and documentation for reliable releases.
- Managing sprint planning and backlog prioritization while shipping production-ready code on an existing codebase using Agile best practices.

**Northeastern University's Barkada,** Boston, MA          *May 2024 – Apr 2025*
*President*

- Planned large-scale events for 180+ club members by collaborating with Northeastern and external organizations, increasing engagement and participation across the community.
- Led an 11-person executive board, delegating tasks and fostering collaboration to successfully execute organizational initiatives.
- Revamped and led execution of Barriokada Fiesta, transforming it from a historically low-rated event into one of the most well-received events in recent years.