

# Amber M. Connell

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## SUMMARY

Early-career builder and project coordinator who uses AI tools, including Claude, to ship practical solutions that make a process faster or possible for the first time. Built an automated quoting system and a live booking website, scoped requirements across Agile sprints, and mentored first-generation and underrepresented students in STEM. Comfortable explaining technical work to non-technical audiences, working through ambiguity, and exercising judgment under resource constraints.

## EDUCATION

### Stony Brook University

Bachelor of Science in Technological Systems Management, Industrial Engineering Cum Laude | 3.51/4.00

Senior Thesis: The Future of Finance: AI's Emerging Role in Fintech and the Stock Market

Stony Brook, N.Y.

Graduated May 2025

## EXPERIENCE

### GNY Equipment, Inc.

Project Coordinator

Bay Shore, N. Y.

July 2025 – Present

- Built an Excel/VBA automation tool that pulls and analyzes live pricing data, generates material takeoffs, and produces formatted cost documentation, cutting quote generation time from 2 hours to 15 minutes per project.
- Coordinate engineering, estimating, procurement, and vendor activities across 9 concurrent programs (\$150K to \$500K each), developing and tracking schedules and milestones and reporting status to stakeholders to keep work within scope, timeline, and budget.
- Scoped vendor and contractor work issued 50+ purchase orders, and reviewed change orders and invoices to identify and mitigate cost and schedule risks, including one procurement decision that avoided \$50K to \$60K in unbudgeted spend.
- Standardized the project submittal protocol, instituting a scope-reconciliation review and a signed-approval requirement before materials are ordered or delivery is scheduled.

### Stony Brook University Campus Residences

Resident Assistant and Summer Housing Assistant at West Apartments

Stony Brook, N.Y.

August 2022 – May 2025

- Served as primary point of contact and escalation resource for a residential community of 4,000+ residents, balancing institutional policy with individualized support.
- Coordinated logistics and on-site operations for 40+ programs, allocating vendor and facility resources in a high-volume environment.

### Applied Visions Inc.

Product Specialist Intern

Northport, N.Y.

June 2024 – August 2024

- Maintained a Jira dashboard tracking work across 3 concurrent Agile product teams, supporting sprint planning and delivery.
- Translated client discovery sessions into structured requirement documents with defined acceptance criteria, reducing rework during QA.

## LEADERSHIP & COMMUNITY IMPACT

### Collegiate Science and Technology Entry Program (CSTEP)

Summer Program Intern and Student Advisory Board Member

Stony Brook, N.Y.

August 2021 – May 2025

- Mentored 27 incoming first-generation and underrepresented STEM students through a summer bridge program, helping them earn college credit and navigate the start of college.
- Served on the CSTEP Student Advisory Board, shaping programming and support for underrepresented students in STEM.

### Women in Science and Engineering Honors Program (WISE)

President, Member (previous Head of Public Relations and Vice President)

Stony Brook, N.Y.

January 2023 – May 2025

- Led a 500+ member organization and ran 12 annual initiatives end to end, from planning and budgeting through execution.
- Mentored undergraduate women in STEM, with mentees advancing to a marine biology PhD program, a NASA atmospheric science internship, and shark research in Florida.

### Forté Foundation

Campus Ambassador, Member

Stony Brook, NY

January 2023 – May 2025

- Ranked #2 out of 200+ national ambassadors in 2024 by building targeted student engagement campaigns and running professional development workshops on campus presence and soft skills.

## SKILLS

**AI & Building:** Claude, AI-assisted development, workflow automation, rapid prototyping, prompt iteration, requirements gathering.

**Project & Program Management:** Scoping, sprint planning, Agile, milestone tracking, stakeholder communication, dashboards and reporting, process improvement, risk identification and mitigation, cost control.

**Teaching & Enablement:** Mentoring, workshop facilitation, training non-technical audiences, technical translation, public speaking.

**Tools & Platforms:** Microsoft Excel (VBA, macros, pivot tables), SQL, Jira, Monday.com, Notion, Microsoft Project, Google Workspace, Netlify, Calendly, Mailchimp, Artificial Intelligence (AI) tools.

**Certifications:** McKinsey & Company Forward Program 2026, Claude 101, AI Fluency, JP Morgan Agile Simulation.

**In Progress:** Certified Associate in Project Management (CAPM from PMI).