Ashanna Narrie

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SUMMARY

AI/ML Research Engineer focusing on computational modeling, automation pipelines, and intelligent system design. Experienced in Python, machine learning workflows, and research-driven problem solving. My work spans automation, biomedical signal analysis, accessibility engineering, and AI-assisted pipelines.

TECHNICAL SKILLS

Programming: Python, R, MATLAB, HTML/CSS, Git
Systems: cGMP documentation, GMP documentation, NGP Documentation
Software: VS Code, PyMOL, Microsoft Office, Adobe Creative Suite, Zoom, Slack, Google Workspace

EDUCATION & CERTIFICATIONS

Bachelor of Science: Biomedical Engineering & Computer Engineering
Colorado State University – Fort Collins, CO, Expected 2026
Certifications: BSL1/BSL2 Training, Scott Bioengineering Lab Safety, cGMP Compliance, OHSP Risk Assessment, HazCom GHS OSHA 29 CFR 1910.1200
CAPE Units 1 & 2 | CXC High School Diploma
Holy Faith Convent – Trinidad and Tobago, 2014-2021

PROFESSIONAL EXPERIENCE

Remote Algoverse Research Intern **Present**
Algoverse AI Academy
Working on advanced AI Research towards the ICLR 2026 & NeurIps 2026 Workshops.

Remote AI Tech & Equity Intern
Adelante Youth Fellowship, ISAAC of Northern Colorado **2025**
Led automation pipeline processing 70+ paged responses thus eliminated week-long manual coding bottleneck for equity research. Built automated accessibility pipeline for Colorado State transcription for .srt caption validation.

Student Researcher **2023-2024**
Snow Laboratory, CSU (Scott Undergraduate Research Program)
Co-developed standardized co-crystallization protocols resulting in improved crystal formation rates and use of these results for peers' publications. Presented research findings at Colorado State Scott Undergraduate Research Symposium demonstrating complex biochemical research communication.

Engineering Clinical Immersion Student
UCHealth Medical Centre of the Rockies **2024**
Brainstormed university-researched medical device innovations through clinical workflow analysis of healthcare procedures. Conducted biomedical research on non-invasive animal blood pressure monitoring with machine learning applications.

Quality Assurance/Document Control Coordinator **2022-2024**
BioMARC Infectious Disease Research Center
Maintained pharmaceutical-grade compliance across heavy batch of controlled documents under cGMP/GDP standards, minimal audit findings during FDA inspections. Executed batch review preparation for multi-million dollar pharmaceutical releases. Earned Student Employee of the Year nomination for system reliability and regulatory compliance excellence.

Remote Learning Assistant **2022**
ENcourage Engineering Math, CSU
Facilitated peer learning groups for first-year engineering students in Calculus, Algebra, and Trigonometry

VOLUNTEER EXPERIENCE

Prosthetics Volunteer **2023**
Range of Motion Project (ROMP), Ecuador

Engineering Intern **2022**
PLD Reliability & Maintenance Engineering, Trinidad & Tobago

AI Structural Engineering Intern **2025**
PLD Reliability & Maintenance Engineering, Jamaica

LEADERSHIP

Sixth Formers' Association Leadership Role
Vice President of HFCC's Environmental Club
Rewriting the Code (RTC) Member

HONORS & AWARDS

Organization of American States (OAS) Scholarship
Math Modeling Competition (UWI)
Cayley Contest (University of Waterloo)
Last Mile Education Fund