

UNIVERSITY & ACA COLLABORATIVE TRAINING PROJECTS via RIIPEN.COM (Rating 4.5/5.0)		
University	Department	Collaborative Experiential Training Project Through Riipen.com
University of Detroit Mercy	Electrical Engineering	Design Development of an HF 40-meter Shortwave (SSB) Radio Receiver
Univ. of North Carolina-Charlotte	Risk Management	Tsunami Risk Mitigation Strategies for Major USA West Coast High Population Centers
Arizona State University	Mechanical Engineering	Computer Aided Design of a Notional Vacuum Chamber Airship
Northeastern University	Computer Science	Software Development of a Communication Assist Device for Non-Communicative Persons
University of Toronto	Computer Science	Software Code Development for Harmonetics Communication Assist Application
Ohio Northern University	Linguistics	Advisory Support for Harmonetics - a Phonetic-Based Communication Assist Application
Red River Polytechnic	Electrical Engineering Technology	Four (4) Discrete Projects - Radio Circuitry, Proximity Alarm, Metronome/Horn, Pers. Alarm
University of Mass. - Boston	Computer Science	Software Code Development for Harmonetics Communication Assist Application
University of Canada - West	Business (MBA Capstone)	Marketing Plan for Medical Device - Powered Lifting Crutches
Fanshawe College	Ergonomics	Ergonomic Evaluation of Powered Lifting Crutches
Northeastern University	Regulatory Affairs	Regulatory Pathways for Full FDA Class II Medical Device Approval (Power Crutches)

STUDENT INDEPENDENT ACA TRAINING PROJECTS		
Student University	Student Degree (MS)	Student ACA Training Project(s)
ASU	Mechanical Engineering	Development of the Aerospin Vacuum-Lift Aircraft, ME Design Career Booklet
Northeastern	Regulatory Affairs	Regulatory Affairs Certifications Training
Northeastern	Industrial Engineering	AI-Integrated Digital Architecture for High-Volume Production Line Optimization
Northeastern	Electrical & Computer Engr.	Harmonetics Deep Dive and Migration Pathway Design
Rutgers	Business & Data Science & AI	AI Voice Interview Companion
ASU	Electrical & Electronics	Hardware-Aware AI Optimization for Health Chips: A Case Study on Pneumonia Detection Using Chest X-Rays
Johns Hopkins	Biotechnology	Computational and Translational Strategies for Immune-Mediated Neuroinflammation in Meningitis
Northeastern	Data Analytics	Parametric Design-Driven Dashboard Development
MA College of Pharm & Health Sci.	Pharmacy & Health Sciences	A Student's Guide to Analytical Chemistry & Pharmaceutical Quality Careers, Mock QA Review of Method Validation Package
Texas A&M	Mech. Engr. - Robotics	The Independent Feasibility Review of Distributed Wing Aircraft Concepts for Extended Flight
Northeastern	Regulatory Affairs	Regulatory Roadmap for an Active Pressure Suit for POTS Patients, CAPA & Quality Systems, Human Subjects Research Authorization; Regulatory Affairs (Clinical Trials Focus)
Northeastern	Regulatory Affairs	Clinical Documentation • Regulatory Affairs • Human Subjects Protection • Compliance Systems, Certification-Based Professional Development Plan
Suffolk University, Boston	Project Management	Global Project Management and Process Optimization Initiative
Northeastern	Cybersecurity	Detailed Cybersecurity Career Guide: From High School to PhD
ASU	Computer Science	PeriodCycle.AI
MA College of Pharm & Health Sci.	Pharmacy & Health Sciences	Trends and Public Impact of Adverse Drug Events: A Data-Driven Public Education Report

ASU	Computer Science	Autonomous DevOps Assistant for Small Teams and Nonprofit Organizations
Univ. of California - Long Beach	Construction Management	Conceptual Design and Preliminary Construction Plan for an Aerospin Airship Docking Station
ASU	Mechanical Engineering	Helium-Encapsulated Thermal Loss Analysis for a Rotating Vacuum Lift Sphere
Texas A&M	Mech. Engr. - Robotics	The Independent Feasibility Review of Distributed Wing Aircraft Concepts for Extended Flight
Northeastern	Regulatory Affairs	Regulatory Roadmap for an Active Pressure Suit for POTS Patients
MA College of Pharm & Health Sci.	Pharm. & Health Sciences	Generic vs Brand: A Public Analysis of Quality and Safety Signals in FDA Reports (Phase 1 &2)
Illinois Institute of Technology	Mechanical Engineering	Engineering Design Development of an Active Compression Suit for POTS Patients
Northeastern	Computer Science	Harmonetics Deep Dive and Migration Pathway Design
MA College of Pharm & Health Sci.	Pharm. & Health Sciences	Trends and Public Impact of Adverse Drug Events: A Data-Driven Public Education Report
MA College of Pharm & Health Sci.	Pharm. & Health Sciences	Community Medication Safety Research Initiative
University of Texas - Austin	Finance (Analysis)	Auto Loan Credit Decisioning Analysis
ASU	Electrical & Electronics Engr.	Hardware-Aware AI Optimization for Health Chips: A Case Study on Pneumonia Detection Using Chest X-Rays
ASU	Aerospace Engineering	Launchpad to Aerospace: A Practical Career Guide for Future Aeronautical & Aerospace
Northeastern	Cybersecurity	Detailed Cybersecurity Career Guide: From High School to PhD
MA College of Pharm & Health Sci.	Pharm. & Health Sciences	A Student's Guide to Analytical Chemistry & Pharmaceutical Quality Careers