Jose Armando Diaz

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EDUCATION

NorthEastern Illinois University   December 2025
Bachelors of Science, Computer Science   GPA:3.55

TECHNICAL SKILLS

Languages: Python, Java, SQL, C#,
Machine learning: Scikit-learn, XGBoost, Pandas, NumPy, matplotlib
Data Engineering: ETL/ELT pipelines, web scraping, Requests,
Developer Tools: VScode, git, Eclipse, Filezilla, Figma, IntelliJ IDEA

PROJECTS

[Intrusion detection system]: Binary classification DoS intrusion detection system, performing large scale preprocessing and training an XGBoost classifier on network traffic data
[Powerlifting competition assistant]: A full-Stack Coaching assistant project aimed at improving powerlifting coach decision making in competition settings
• Built a scalable data pipeline leveraging Selenium and BeautifulSoup to collect and parse dynamic web data from semi-structured sources

EXPERIENCE

Education Walkthrough   Jun, 2025 - Sep 2025
Project Intern   Remote
• Led a self directed internship team in delivering a project for Education Walkthrough
• Acted as the primary point of contact with the client, setting up and leading weekly meetings to gather requirements, provide updates, and ensure client satisfaction
• Designed and implemented an end to end data pipeline by building web scraping tools, integrating external APIs, and modeling a database schema to store minimal, query metadata for locating targeted documents

NorthEastern Illinois University   Aug, 2025 - Dec, 2025
Peer Leader   Chicago, Il
• Facilitated weekly programming workshops emphasizing algorithmic reasoning, data structures, and debugging strategies for undergraduate CS students
• Tutored students in machine learning and natural language processing, assisting with model understanding, preprocessing pipelines, and coursework implementation

Smiley Paints Chicago   Jun, 2024 - current
Business Assistant , Balloon artist   Chicago, Il
• Maintain and update company website and implement SEO strategies
• Streamlining booking processes, and manage client communication via Email

Everyone Can Code Chicago   June - Aug, 2019
Project Intern   Chicago, Il
• Collaborated in a team to design and build an IOS application using swift and Xcode
• Presented prototype in the App Showcase at the Apple Store in Chicago before Community Leaders and members