Cristian Ian Perez

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EDUCATION

Montclair State University, Montclair, NJ   May 2025

Bachelor of Science: Computer Science   GPA: 3.8 / 4.0

Honors: Presidential Scholars Program, 5x Dean's List

Relevant Coursework: Applied Calculus I & II, Computer Networks, Computer Systems, Data Science and Statistics, Data Structures and Algorithms, Database Systems, Discrete Mathematics, Fundamentals of Programming, Human-Computer Interaction, Java I & II, Python Programming, Software Engineering I, Spreadsheet Modeling, Systems Programming

EXPERIENCE

IBM   Poughkeepsie, NY

Data Engineer Intern – SSC Global Reutilization   May 2024 – Present

- Optimized and automated processes for the SSC Reutilization data team by converting a low-code platform to an extensive Python program, enabling the workflow to run weekly, resulting in effective data transformation, accurate outputs, and significantly eliminating manual tasks for team members
- Developed and integrated validation scripts, ensuring data accuracy and consistency for optimal decision-making
- Collaborated with a team of ten professionals in the annual IBM Watsonx Challenge, utilizing the company's Watsonx AI platform to develop a personalized AI prompt workflow, facilitating in-depth analysis and summarization of large, specialized documents saving 1,499 minutes per quarter
- Created comprehensive documentation for setting up Python virtual environments for new hires and assisted in onboarding two new employees by securing database access and configuring their environments

Johnson & Johnson   Raritan, NJ

Application Developer Co-Op   June 2023 – April 2024

- Transformed the Global J&J Labeling data strategy by implementing Power BI analytics, creating a single source of truth interactive dashboard across 8 platforms and 3 franchises, which significantly enhanced data depiction and decision-making, as evidenced by a successful proof of concept demo presented to executive management, leading to their commitment to further development
- Spearheaded the design, development, and launch of a new homepage for a global supply chain labeling operations platform (RSC), addressing the issues of poor screen resolution/layout responsiveness and overlapping graphics, resulting in increased functionality and reduced latency by 50%
- Executed the development and implementation of a comprehensive all-in-one platform by collaborating with the Intelligent Automation team, resulting in the elimination of repetitive data entries, and delivering users a guided and informed journey throughout the IA process
- Configured 3 workstations across 3 countries and redesigned the RSC product line's logo by deploying it into our team's digital assets resulting in $20,000 saved
- Redefined team's technical backlog and sprint cleanups by conducting 8 stakeholder interviews, leading to team process and product improvement opportunities

SKILLS

Programming Languages: Python, Java, SQL, HTML, CSS, JavaScript

Frameworks and Tools: VS Code, Anaconda Jupyter Notebook, Git, GitHub, Linux Terminal, Windows Command Prompt, Eclipse, Microsoft 365, Power Apps, Power BI, Power Automate, Jira, Figma

Soft Skills: Project Planning, Backlog Refinement, Stakeholder Engagement, Effective Communication, Agile, Adaptability, Time Management, Team Collaboration