Christopher Vinciguerra

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WORK EXPERIENCE

xAI — **Remote**

Human Data Expert Team Lead — **January 2025 - July 2025**

- Supervised a global team of 15 Software Engineering Specialists in curating data for reinforcement learning to improve AI programming capabilities in Python, JavaScript, and C++; supported global team expansion to 60 internal and 150+ external members through guidance and supporting workflow scripts
- Developed rubrics, instructions, and documentation for data correction; led weekly meetings to align team on shifting project goals and collaborated with AI engineers on data formats
- Developed interactive scripts for team members to test and define repository setup commands in a containerized environment; automated Dockerfile generation from JSON inputs including environment setup, repo installation, and Python dependencies; validated builds, test execution, and output parsing from frameworks like pytest, unittest, and nosetests to ensure reliable reinforcement learning environments with maximum coverage
- Conducted technical and project interviews in Python, independently evaluating candidates for advancement

Software Engineering Specialist, Human Data — **December 2024 - January 2025**

- Collaborated closely with AI engineers to experiment with various methods for generating unique programming problems using Python scripts; tracked results to optimize prompt crafting, semantic similarity filtering, and deduplication techniques for dataset expansion
- Conducted extensive quality assurance (QA) on vendor-created and internally generated datasets for programming prompts, including corrections, solution writing, and test case verification to ensure accuracy, fairness, and completeness of instructions
- Edited GitHub-sourced issue descriptions and pull requests for model fairness to support reinforcement learning

Regeneron Pharmaceuticals — **Rensselaer, NY**

Computer System Validation Intern — **May 2024 - July 2024**

- Led the Computer System Validation and IT Quality team transition from SharePoint to Jira for project tracking, enhancing item visibility and efficiency for over 40 global users
- Developed and implemented tailored workflows, issue types, fields, and validation in Jira to meet specific business needs
- Facilitated collaboration between CSV management and Jira administrators to align Jira project configuration to strategic business objectives
- Created custom dashboards and queries to highlight key metrics in monthly reports for senior management
- Authored detailed user documentation and provided support through daily office hours to ensure a smooth adoption by both consultants and managers

Document Control Intern — **May 2023 - August 2023**

- Collaborated with management to design and implement a new knowledge management tool for regulatory audits, addressing gaps in record-keeping for over 60 common topics within Document Control and Information Record Management teams
- Designed internal business applications for data collection and analysis using Power Apps, Power Automate, and SharePoint

Syracuse University — **Syracuse, NY**

Academic Physics Coach — **August 2021 - May 2024**

- Fostered a positive learning environment through responsiveness to student needs, ensuring academic success across 4 semesters and over 160 students
- Facilitated student engagement with key introductory physics concepts through weekly practice worksheets
- Provided guided walkthroughs and explanations of course content, addressing student-specific misunderstandings in small group sessions

EDUCATION

Syracuse University, Martin J. Whitman School of Management — **Syracuse, NY**

Master of Business Administration — **August 2022 - December 2024**

- Concentration in Business Analytics
- GPA: 3.99 / 4.0; Dean's list every semester

Syracuse University, College of Engr. & Computer Science — **Syracuse, NY**

Bachelor of Science in Computer Science — **August 2020 - December 2024**

- GPA: 3.87 / 4.0; Dean's list every semester

PROJECTS

OnePolicy   **Clifton Park, NY**
Co-Founder   **January 2023 - October 2023**

- Co-founded a startup to deliver individualized life insurance quotes from multiple companies without an agent
- Trained deep neural networks for regression with TensorFlow and Keras, utilizing preprocessing, normalization, regularization, and dropout techniques, reducing model size by over 50% while maintaining accuracy
- Configured and deployed Docker containers serving neural network predictions for over six insurance companies through REST API created with TensorFlow-serving

MUSIX   **Syracuse, NY**
Co-Founder, Scrum Master   **August 2022 - May 2023**

- Led a team of four in designing a location-based music web app and authored a comprehensive Software Requirements Specification (SRS) document following UML guidelines
- Acted as Scrum Master, managing Agile development through user stories, workload estimation, iterative sprints, and standup meetings, ensuring project deadlines were met
- Integrated Google Maps API with Flask backend to perform CRUD operations on Geospatial data in MongoDB database
- Launched a beta version in the Syracuse area utilizing Google Maps, Node.Js, MongoDB, and a Python backend with Flask

LEADERSHIP EXPERIENCE

Syracuse University Research & Development Club   **Syracuse, NY**
President   **April 2022 - August 2023**

- Organized weekly meetings and club activities to foster community in the ECS college within Syracuse
- Invited guests to host exploratory presentations of requested topics around current developments such as FinTech, LLMs, and Industrial Automation

Treasurer   **August 2021 - April 2022**