RICCARDO PROSDOCIMI

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EDUCATION

Northeastern University, Boston, MA   September 2021 – May 2024
Master of Science in Computer Science; **GPA: 4.00 / 4.00**
Activities: NEU Blockchain Club, Sharpe (Graduate Fintech Initiative), Hack Boston, SNI Hackathon.
Relevant Coursework: Building Scalable Distributed Systems, Web Development, Machine Learning,
Computer Networking, Database Management Systems, Object-Oriented Design, Algorithms, Computer Graphics.

Minnesota State University - Mankato (AACSB Accredited), Mankato, MN   January 2015 – May 2019
Bachelor of Science in Marketing and Certificate in Business Analytics; **GPA: 3.99 / 4.00**
Dual Minors: Entrepreneurship and Innovation, Business Administration

TECHNICAL KNOWLEDGE

Languages: Python, Java, JavaScript/TypeScript, C/C++, SQL, HTML/CSS, Bash.
Tools & Frameworks: RESTful APIs, NodeJS, ReactJS, Linux/Unix, Docker/Kubernetes, PyTorch/TensorFlow, Git.
Databases: MySQL (SQL), MongoDB (NoSQL).

PROFESSIONAL EXPERIENCE

Northeastern University - Department of Biology, Boston, MA   January 2023 – February 2024
Technology Consultant
- Increased department efficiency and productivity by 80% through streamlining and expediting the form submission process using Smartsheet.
- Built a dashboard visualizing form submissions data to provide business intelligence for decision-making.

Integrated Business Experience, Mankato, MN   January 2017 – December 2017
Chief Marketing Officer and Company Advisor
- Identified the target market and determined products to sell through marketing research using Qualtrics.
- Developed a business plan, securing a $3,634.42 loan after pitching to loan officers from United Prairie Bank.
- Advertised, promoted, and sold $4,656.20 worth of products by managing and leading a team of 7.
- Supervised and consulted a company of 22 students who started and ran a business.

CERTIFICATIONS

Cognizant Artificial Intelligence Job Simulation on Forage [link]   March 2024
- Completed a job simulation focused on AI for Cognizant's Data Science team.
- Conducted exploratory data analysis using Python and Google Colab for one of Cognizant's technology-led clients.
- Prepared a Python module with code to train a model and output performance metrics for the ML engineering team.
- Communicated findings and analysis in the form of a PowerPoint slide to present the results back to the business.

Hewlett Packard Enterprise Software Engineering Job Simulation on Forage [link]   January 2024
- Wrote a proposal for a RESTful web service to manage a list of employees.
- Built a web server application in Java Spring Boot that can accept and respond to HTTP requests as well as support uploading JSON data.
- Developed and ran a set of unit tests to assess my Java Spring Boot application's performance.

RELEVANT PROJECTS [many more]

Roll Your Own CDN [link]   November 2022 – December 2022
- Created the building blocks of a CDN in Python using a DNS, an origin, and 7 HTTP/replica servers worldwide.
- Implemented a DNS redirection to send clients to the replica with the fastest response time.
- Designed a system to determine the best replica with info on network performance, load, and cached data.
- Deployed a GeoIP database for passive measurements and scamper for active ones.

CoinChat [link]   September 2022 – December 2022
- Developed a full-stack social networking web app, implementing login functionalities and RESTful API endpoints.
- Collaborated within an Agile framework as a member of a Scrum team following bi-weekly sprints.
- Utilized React.js for the user interface, Node.js for server-side development, and MongoDB for database integration.