Alessio Naji-Sepasgozar

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OBJECTIVE:

Motivated computer science graduate aiming to apply leadership, adaptability, and technical skills in a Software Engineering role within a dynamic organization.

TECHNICAL SKILLS:

- **Programming Languages:** C++, Python, Java, C#, SQL, PHP, R, JavaScript, TypeScript, HTML, CSS
- **Frameworks & Libraries:** Django, Flask, .NET, SpringBoot, React, Angular, Node.js, Bootstrap
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Data Science & Machine Learning:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn, TensorFlow, Keras, PyTorch, Natural Language Processing (NLP), Neural Networks, Transformers, Exploratory Data Analysis, Statistical Modeling
- **Data Visualization & BI Tools:** Power BI, Tableau, Advanced Microsoft Excel
- **DevOps & Cloud:** RESTful APIs, Shell Scripting, Linux (Ubuntu, Red Hat), Windows, macOS, AWS, Azure
- **Software Engineering & Methodologies:** Agile Development, Version Control (Git), Unit Testing, Debugging
- **Leadership & Operations**: Cash Handling, Bookkeeping, Employee Onboarding
- **Certifications**: AI & LLM Certification (Connectando), Azure Fundamentals, AWS Cloud Practitioner

PROJECT EXPERIENCE:

LEADER OF SUPPLEMENTAL INSTRUCTION - COMPUTER SCIENCE, UNIVERSITY OF HOUSTON - DOWNTOWN.
Project Leader, Fall 2023 – Present

- **Maintains** a full-stack e-commerce platform with dynamic product listings, a secure payment gateway, and real-time inventory updates by integrating RESTful API development, boosting data retrieval speed by 27%.
- **Built a machine learning sports prediction algorithm** using Scikit-learn and TensorFlow to analyze historical player data and game outcomes, achieving 72% prediction accuracy for betting outcomes.
- **Applied Agile methodologies** in departmental team-based software projects, simulating real-world software development lifecycles and sprint planning.
- **Developed and tested** a C-based video game titled *FabledKnights* using the Unity Game Engine. Employed rigorous unit testing and debugging to ensure runtime stability and performance.
- **Engineered a smart irrigation system** using Verilog on an FPGA platform. System utilized moisture sensors to automate plant watering based on real-time data.
- **Mentors** and guides early year students with coding skills and building their first programs, resulting in 37% higher average grades for students involved.

EXPERIENCE:

T-Mobile, 5684 Highway 6 S, Missouri City, TX 77459
Lead Repair Technician and Sales Team Lead, July 2019 – Present

- **Manages** a team of technicians to diagnose and repair issues with phone hardware and software systems.
- **Oversees** hardware repairs in a rapidly changing technological environment while maintaining a customer satisfaction rate of 97%.
- **Awarded** Salesperson of the Year in 2022 by using sales data to predict customer trends.
- **Directs** and trains new employees, resulting in a 46% decrease in turnover rate.

EDUCATION:

University of Houston – Downtown, Houston, TX
Bachelor of Science in Computer Science, *Summa Cum Laude* — May 2025
GPA: 3.83 (Cumulative), 4.0 (Major)