

VICTOR SERRA

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EDUCATION

ASSOCIATE IN SCIENCE (AS.) - COMPUTER SCIENCE,

SEP 2022 – DEC 2024

- MASS BAY COMMUNITY COLLEGE, 50 OAKLAND ST. WELLESLEY, MA 02481

BACHELOR OF SCIENCE (B.S.) - COMPUTER SCIENCE,

JAN 2025 – DEC 2026

- UNIVERSITY OF MASSACHUSETTS AMHERST, AMHERST, MA 01003

RELEVANT COURSEWORK

Foundations of Programming, Object-Oriented Programming, Data Structures

- Built projects in Java, Python and C, emphasizing problem-solving and software design.

Programming Methodology, Foundations of Programing, Computer and Network Security

- Applied best practices in coding, debugging, and software security.

Software Engineering, Software Engineering Project Management

- Gained experience with the software development process through Agile, as both a manager and an engineer in teams from 5-9 developers.

WORK EXPERIENCE

RESEARCH INTERN, BOSTON UNIVERSITY

MAY 2024 – JULY 2024

- Designed and executed experiments, collected data, and performed statistical analyses using Python and CUDA.
- Used a Shared Computer Cluster with 16 Petabytes of memory daily.
- Built professional relationships within the academic/research community and Collaborated closely with PHD students.
- Created detailed reports and presented findings at academic conferences.
- Knowledge on Machine Learning algorithms, frameworks, and their applications.

BARISTA, STARBUCKS

NOV 2022 – AUG 2025

- Led and supported daily store operations, ensuring smooth workflow and achievement of team goals.
 - Trained, coached, and mentored new baristas to deliver high-quality beverages and excellent customer service.
 - Created and maintained a positive, collaborative work environment to boost morale and team performance.
 - Prepared a wide variety of standard and custom beverages while adhering to quality, safety, and brand standards.
 - Resolved customer concerns and retained loyalty through active listening and effective problem-solving.
 - Assisted with scheduling and staffing by leveraging knowledge of team members' strengths to optimize efficiency.
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SKILLS

- Proficient in Different programing languages:
 - Python, Java, SQL, TypeScript, C, React
- Experience with Excel as well as Powerpoint
- Team Management Skills, Agile Methodology
- Object-Oriented Programming
- Agentic Development
- Software Development and User interface design
- Experience with Mac OS, Windows and Linux
- Equipment Troubleshooting
- Cleaning and Maintenance
- Customer Service

LANGUAGES:

Portuguese: Fluent

Spanish: Conversational