Alessandro Lovadina

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OBJECTIVE

To obtain a summer internship where I can utilize my technical knowledge, such as Java and Python, and academic experience to contribute to a dynamic team while further developing my skills in these areas.

EDUCATION

University of South Florida   Graduating in May 2026
Bachelor of Science in Computer Science   **GPA: 4.0/4.0**

SKILLS

Languages:	Java (Eclipse), Python, SQL, MySQL, C++, PHP, XML and XSD, HTML/CSS
Technologies:	Apache Web Server and Tomcat, JDBC, C/S machines, AutoCAD
Network:	Intermediate network administration skills in Cisco Packet Tracer
Certifications:	Cisco CCNA: Introduction to Networks
Bilingual:	English (Fluent), Italian (Native)

EXPERIENCE

IIS Einaudi-Scarpa | Peer Tutor in Mathematics   September 2020 – June 2022
- Created study materials like exam review and practice problems in high school calculus to help **30+ students** improve their tests scores by **14%**
- Leveraged techniques like flashcards and memory exercises to improve **20% retention** in formula memorization

Gruppo Ascopiave | Assistant Technician   January 2020 – February 2020
- Computed **300+** rows of measurements using knowledge of Microsoft Excel to start pipes construction in **~50** streets
- Scanned and organized **~100** documents daily by inserting data into the corporate database using Microsoft Access to accelerate the company's digital transition

PROJECTS

Virtual Assistant (IEEE)   September 2022 – Present
- Created a virtual assistant using Python that can execute multiple tasks by voice command and by implementing AI and Machine Learning technologies that has been shown in the Engineering Expo
- Developed a Spotify controller program using a Python API and Selenium as Web Scraping technology that makes a user able to listen to music, add songs to playlists, and other features

NASA Student Launch Competition (SOAR)   September 2022 – Present
- Developing the software side of a rocket's payload utilizing Python and C that will enter the NSL competition
- Created functions using Python that use data from two IMUs to make a camera turn in desired ways.

LEADERSHIP

Legambiente | Volunteer   2020 – 2022
- Cleaned up public spaces by removing litter from streets and parks to maintain my town at the **top 10** most clean places
- Presented the mission of Legambiente to **~20** students by organizing **2+** events to convince them to join the organization

Gruppo Estate | Community Leader   2018 – 2021
- Planned **15+ events** and organized activities by selecting workshops and collecting materials to involve kids in my town
- Coordinated other leaders' activities by setting up meetings to discuss future projects
- Educated **120 members** on singing **10+** songs by organizing rehearsals to prepare them for the final performance

AWARDS

Dean's List	2022
Tehachapi High-School Certificate of Completion of One School Year	2021
Rock School of London Level 3 Certificate in Popular Music Performance - Grade 8 Drum Kit	2020