

Boston-Blue Giovannini

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Education

- Tufts University**, Somerville, MA | *Bachelor of Engineering, Focus in Computer Science* *Expected: May 2027*
- Relevant Coursework: Machine Code, Data Structures, Web Design, Game Design, Artificial Intelligence, Network Security, Ethical Debate, Entrepreneurial Innovation
- Study Abroad: Università Di Pavia**, Pavia, Italy | *Work Towards Degree* *May-July 2024*
- Relevant Coursework: Data Science
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Experience

- InterSystems**, Boston, MA | *Frontend Engineering Intern* *May 2026–Present*
- Converted a legacy Zen-based web application to Angular while also adding new functionality and security via REST APIs that connect to the same ObjectScript backend for ease of transition.
 - Deployed ~100 CCRs to live production, ensuring a rigorous testing process for each feature and bug fix.
 - Held weekly stakeholder meetings to determine new features or changes that needed to be implemented.
 - Created a series of Claude skills for internal usage relating to InterSystems' standardized Angular UI libraries.
- Boston Pads / Jacob Realty**, Boston, MA | *Real Estate Agent* *May–November 2025*
- Worked with 2-5 clients at a time to find relevant rental properties and landlords for lease signing.
- SEAP Department of the Navy**, Havelock, NC | *CASS Operational CE Intern* *May–August 2022*
- Reduced testing diagnostic workflows for 3rd and 4th gen aircraft by developing an internal fault database, moving from sequential testing to a priority-based diagnostic model that reduced time by 70%.
- Quinn City Productions** | *Founder/Photographer/Videographer* *October 2022–Present*
- Utilized entrepreneurial and photography skills to start my own photography and videography business.
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Leadership & Activities

- Tufts Climbing Team**, Somerville, MA | *Team Captain* *May 2026–Present*
- Organized multiple recruiting events, board meetings, and the roster. Coordinated with Tufts, Central Rock Gym, and team members to create a practice schedule for over 100 students.
- Tufts Electric Racing Team**, Somerville, MA | *Business Operations Manager* *August 2025–June 2026*
- Helped manage a \$40,000 annual operating budget, oversaw financial allocations for vehicle components and travel logistics while ensuring 100% compliance with university funding regulations.
- WCHS NJROTC**, Morehead City, NC | *Unit Commander* *August 2020–June 2023*
- Led a staff of 12 to run a unit of ~150 cadets over the course of senior year, which involved planning events, running parades, coordinating staff, and leading us towards becoming the top unit in Area 6.
- Boy Scouts of America - Eagle Scout**, Morehead City, NC | *Troop Leader (SPL)* *August 2016–October 2023*
- Troop Leader (SPL)*
- Planned weekly meetings, organized monthly group events, and oversaw all troop operations during my role.
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Projects

- Home Server** *Spring 2026–Present*
- Created a Linux server from old computer parts that hosts my files, photos, git repository, and website.
 - Learned Linux, UNIX, and network security skills to protect from outside attacks that have occurred.
- Highway Health** *Fall 2025*
- Designed and built a website that utilized multiple APIs that would show users local healthy fast food options.
- Shuriken Saga** *Spring 2025*
- Worked on a small team to create a Unity-based video game with completely original art, music, and levels.
- MATE ROV** *August 2018–June 2022*
- Led a team of 6 to create a Remotely Operated Vehicle (ROV) for the MATE competition. Oversaw the integration of mechanical, electrical, and software subsystems while managing a project timeline.
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Skills

Programming Languages: C++ , Angular, ObjectScript, Python, C , Java, SQL, JavaScript, HTML, CSS, C#

Software/Tools: Adobe Suite , Google Suite , Jupyter , Autodesk Inventor, MySQL , PyCharm , VS Code , Unity, Unreal

Certifications: Java Certification , CompTIA A+ Certified, Adobe Certified, MA Real Estate License