JESSICA BACCHI

Software Engineer | Full-Stack Developer | Game Developer

Oceanside, NY | (516) 323-9347 | jessbac323@gmail.com | [GitHub](#) | [LinkedIn](#)

EDUCATION

FULL SAIL UNIVERSITY Winter Park, FL

Bachelor of Science; Major in Computer Science Jan 2023 - Dec 2024

Valedictorian, Advanced Achievement Award; December 2024

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Systems Programming, Machine Intelligence Systems, Software Architecture, Information and Database Systems

PROJECTS

PORTFOLIO WEBSITE   May 2025 – Present | Visual Studio, HTML, CSS, JavaScript, GitHub, GoodNotes
- Designed and developed a custom personal portfolio to showcase my work, personality, and technical skills.
- Built the entire front-end architecture with semantic HTML, responsive CSS, and modular JavaScript.
- Planned layout in GoodNotes using hand-drawn mockups and developed it end-to-end to full deployment.

EDUFORGE   Aug 2024 – Dec 2024 | Unity, C#, Visual Studio, Git, Jira, Figma
- Developed gameplay systems and interactive UI features in Unity to support engaging puzzle-based learning.
- Contributed to C# gameplay scripting and implemented logic-driven mechanics for math-based exploration.
- Collaborated using Git/Jira in a team setting; final product presented to faculty as a capstone project.

SIMS 4 GENERATOR   May 2024 – Jun 2024 | Visual Studio, ASP.NET, HTML, CSS, C#, JavaScript, GitHub, Trello
- Developed a web app that generates creative prompts for Sims 4 players to overcome creative blocks.
- Implemented random generation logic and mobile-friendly design using HTML/CSS/JS.
- Shared with the community and received positive feedback for its ease of use and originality.

LISTEN LEAF   Nov 2023 - Jan 2024 | Android Studio, XML, Gradle, APIs, Java, Git, Jira
- Built and styled the Android app interface using XML and Java to deliver a clean and readable experience.
- Implemented UI components like book list views, playback controls, and navigation across app screens.
- Collaborated with teammates on layout logic and resolved bugs to ensure stability across Android devices.

CALCULATOR   Jul 2023 - Aug 2023 | Visual Studio, C++, GitHub
- Developed a modular C++ calculator app with custom UI and full arithmetic logic.
- Implemented input parsing, operator handling, and result display with clean, testable code.

EXPERIENCE

SHAKE SHACK Winter Park, FL / New Hyde Park, NY

Team Member/Trainer Feb 2022 - Sep 2023 / Feb 2025 - Present
- Led training of new team members, ensuring high performance in food safety, guest service, and team coordination
- Maintain operational efficiency in a fast-paced environment while upholding quality and safety standards

WWE NXT STUDENT INITIATIVE Orlando, FL

Student Volunteer Apr 2023 - Jan 2025
- Assisted with event operations including ushering, seating, and guest services
- Honed leadership and team coordination skills in a high-energy, professional environment

SKILLS

Programming Languages: Front-End: HTML/CSS, JavaScript; Back-End: C#, C++, Java, Python, SQL, MATLAB, Assembly Language

Development Frameworks & Tools: Unity, Android Studio, Microsoft Visual Studio, Git, GitHub, Jira, Trello, Arduino IDE, MySQL, Wireshark, Ubuntu, Linux, JSON, XML

Software & Systems Engineering: Software Architecture, Software Integration, Software Test and Quality Assurance, Systems Programming, Operating Systems, Wearable Computing

Data & Algorithms: Data Structures and Algorithms, Data Visualization, Machine Learning, Mathematical Programming, Database Systems, Information Systems, Data Modeling

Soft Skills: Leadership, Customer Service, Communication, Team Management, Problem Solving, Multitasking, Collaboration, Adaptation, Attention to Detail, Time Management, Critical Thinking, Organization Skills, Creative Problem Solving, Teamwork