

# Emma Zajonc

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## PROFESSIONAL SKILLS

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**Programming Languages:** C++, Python, Java, SQL, JavaScript, HTML/CSS, PHP, C#

**Frameworks and Platforms:** Vue.js, Node.js, React, WordPress, Firebase

**Tools and Technologies:** Git, NPM, Bash, Microsoft SQL Server, VS Code, Visual Studio, Wireshark, Linux, Virtual Box

**Additional Skills:** Graphic Design, UX Design, Intercultural Communication, Fluent Spanish, Basic Chinese, Public Speaking, Donor Prospecting, Event coordination, Tutoring

## EDUCATION

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**Bachelor of Science in Computer Science: Software Engineering, Spanish Minor, Chinese Minor, Graphic Design Minor** Anticipated May 2026

Liberty University, Lynchburg, VA

- GPA: **3.85**/4.00, Honors College
- Coursework: Data Structures & Algorithms (C++), Programming in C++ Advanced, Server-Side Programming, Linux Operating Systems, Business Data Communications & Networks, Technical Communication, Human-Computer Interaction, Software Engineering Management, Database Design and Management, Computer Architecture, Network Architecture, JavaScript, Discrete Mathematics, Organizational Behavior
- Organizations: LU Figure Skating, LU Quiz Bowl (Varsity Captain), University Chorale

National Merit Finalist

PSAT: **1510**

ACT: **36**

US Presidential Scholars Program Nominee

## EXPERIENCE

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**Fidepor**, Software Development Intern, Quito, Ecuador Aug 2024-Nov 2024

- Implemented full-stack application prototypes using Vue.js, Express Node.js, HTML/CSS, SQL, and Firebase
- Designed UX systems for neurodivergent users in Spanish with an intercultural team

**Private Tutor**, Remote

May 2023-Present

- Developed curricula and study materials to support students with homework and ACT test preparation

**Academy Center for the Arts**, Development Intern, Lynchburg, VA

May 2024-Aug 2024

- Created a company LinkedIn strategy and increased page following by 7% in two and a half months
- Assisted in coordinating events, provided media coverage, and created a welcoming and engaging experience for patrons and high-level donors

**Barberitos**, Team Member, Johnson City, TN

Apr 2021-Dec 2023

- Maintained high standard of customer service during high-volume, fast-paced operations
- Communicated clearly with teammates to solve problems and optimize workplace efficiency

## PROJECTS

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**Economía de Fichas (Token Economy) Web Application**

Nov 2024

- Developed a full-stack web application in Vue.js and Express Node.js featuring a secure log-in and authenticated token-based password reset system, and different application views for tutors and participant roles
- Integrated Firebase for data storage, retrieving and posting user data via SQL and API calls
- Designed user interface and application flow to be accessible to neurodivergent users

## COMMUNITY OUTREACH

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**>100 Hours of Community Service** through LU's community service program

Aug 2022-Present

- Planned and led figure skating classes for over 30 children and adults