

Leandru Martin

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Education

Master of Science, Software Engineering | May 2026 | Saint Louis University

Bachelor of Arts, Computer Science | May 2025 | Saint Louis University

Minor in Mathematics | Enrolled in Honors program | Magna Cum Laude | GPA: 3.89/4.00

Work and Research Experience

Intern, Software Engineering | Bausch + Lomb | June 2025 – Present | St. Louis, MO

- Developing graphical user interface for surgical tools with C# and Windows Presentation Foundation (WPF)
- Collaborating in Agile development environment

Student Worker | Saint Louis University | February 2024 – May 2025 | St. Louis, MO

- Assisted and tutored undergraduate computer science students
- Graded computer sciences classes for undergraduate and graduate students

Software Engineer | Open Source with SLU | January 2024 – December 2024 | St. Louis, MO (Hybrid) |

github.com/oss-slu/Pi4Micronaut | github.com/CenterForDigitalHumanities/TPEN-services

- Worked in simulated Agile development production environment as undergraduate senior capstone project
- Developed Node.js RESTful back-end API for TPEN project helping organize data for humanities researchers
- Built Java app with Micronaut framework to facilitate IoT interaction with Raspberry Pi devices

Student Worker | Open Source with SLU | July 2024 – August 2024 | Remote | galleryofglosses.org

- Built front-end Next.js TypeScript web app for presenting research data to theological scholars

Research Assistant | Saint Louis University | January 2023 – May 2023 | St. Louis, MO (Hybrid)

- Developed front-end for React Native app for Android and iOS providing science education to K-8 students
- Collaborated alongside graduate student and Saint Louis University professor

Lifeguard | Midwest Pool Management | July 2021 – August 2021 | Carbondale, IL

- Served hundreds of weekly water park patrons, enforcing safety rules through communication skills
- Worked together with other lifeguards to efficiently respond to emergencies

Volunteer Experience

Volunteer | SLU Campus Kitchen | February 2022 – May 2025 | St. Louis, MO

- Combating food waste by recovering 1,000 pounds of food weekly and preparing it for the hungry and people in emergency shelters and transitional housing
- Collaborating with others in food prep and coordinating schedules

Skills

C++ | C# | CSS | Gradle | Git | HTML | Java | full stack JavaScript/TypeScript (Express.js, Next.js, Node.js, MERN stack, React, React Native) | Linux | Machine learning (scikit-learn, pandas, NumPy) | MongoDB (noSQL database) | Python | R | Rust | Unity 3D | Windows | Windows Presentation Foundation (WPF) | Proficient in Microsoft Office suite | Conversant Spanish (with study abroad in Spain)