# 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

**Tech Lead | Open Source with SLU | August 2024 – Present | St. Louis, MO (Hybrid) | github.com/oss-slu/Pi4Micronaut**

- Leading team of undergraduate developers to create open-source Raspberry Pi IoT app with Java

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

- Assisting and tutoring undergraduate computer science students
- Grading computer sciences classes for undergraduate and graduate students

**Intern, Software Engineering | Bausch + Lomb Surgical | June 2025 – August 2025 | St. Louis, MO**

- Developed graphical user interface for surgical machines with C#
- Collaborated in Agile development environment

**Software Developer | 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

## 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 | Proficient in Microsoft Office suite | Conversant Spanish (with study abroad in Spain)