

# Liam Rust

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## Education

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**Stevens Institute of Technology** | Hoboken, NJ August 2025 – May 2026  
Master of Science in Computer Science Cumulative GPA: 3.903/4.0  
**Relevant Coursework:** DevSecOps, Advanced Programming in Unix, GPU Programming, OSS Engineering

**Stevens Institute of Technology** | Hoboken, NJ August 2021 – May 2025  
Bachelor of Science in Computer Science Cumulative GPA: 3.947/4.0  
**Relevant Coursework:** Web Programming, Systems Administration, Human-Computer Interaction, Agile Development Processes, Mobile Systems and Applications, Natural Language Processing

**Awards:** Graduated *summa cum laude*, Computer Science Departmental Award, Pinnacle Scholar, Dean's List (all semesters), Edwin A. Stevens Scholarship, Upsilon Pi Epsilon Computer Science Honors Society

## Experience

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**Course Assistant** January 2023 – May 2026  
Stevens Institute of Technology Hoboken, NJ

- Web Programming II, Theory of Computation, Operating Systems, Algorithms, and Data Structures
- Assisted in the above courses for 7 semesters, helping 5 professors and hundreds of students
- Creating automated grading tools saving 5 hours of work per assignment for each teaching assistant
- Took the lead to organize course Canvases, upload materials, and modernize homework documents

**Frontend Developer** May 2025 – September 2025  
Life Skills Software Remote

- Led the redesign of a legacy website, refactoring both the user experience and tech stack
- Created mockups, performed testing, and implemented a new frontend design for hundreds of users

## Projects

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**Passaporto** September 2025 – December 2025

- Full-stack web application for users to collect and trade "trading cards" of nearby transit vehicles
- Continuous integration and deployment to AWS using GitHub Actions and Docker containers
- Lead frontend development and deployed a dashboard to monitor service traffic & container health

**a11y?** September 2024 – December 2024

- Full-stack web application that allows users to review the accessibility of local establishments
- Facilitates user registration and login, client- and server-side validation, and user generated content

**Touch Grass** January 2024 – May 2024

- User experience-focused full-stack website for users to find affordable places and events nearby
- Facilitates user registration and login, user generated content, and social media-like interactions

## Leadership Positions

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**Vice President** August 2024 – May 2025  
Stevens Linux Users Group Hoboken, NJ

- Plan events, design graphics, assist in decision making, and assist the president in running the club

**Publicity Manager** March 2024 – May 2025  
Stevens A Cappella Hoboken, NJ

- Create graphics for various events and manage the social media presence of Stevens A Cappella
- Plan and maintain the infrastructure necessary to live-stream performances on the YouTube channel

**President** May 2023 – May 2025  
Upsilon Pi Epsilon Honor Society Hoboken, NJ

## Skills and Interests

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**Technology:** Linux, macOS, Windows, Figma, GIMP, Typst, LaTeX, Zed, VSCode, JetBrains editors  
**Programming:** TypeScript/JavaScript, HTML, CSS, React, Next.js, Rust, Python, C, C++, Bash, Java, R  
**Interests:** Singing, photography, gaming, graphic design, UI/UX design, open source, helping others