

Levi Mendes

802-310-9455 | levi@mendes01@gmail.com | linkedin.com/in/levi-m-26b18833a | Burlington, VT

Education

University of Vermont, College of Engineering and Mathematics

Bachelor of Science in Computer Science

GPA: 3.4/4.0

Burlington, VT

Expected May 2027

Additional Education: A.S. in Information Technology - Community College of Vermont

Technical Skills

- **Programming Languages:** Python, C#, JavaScript, Java, PowerShell, C/C++, Swift
- **Back-end Development:** Flask, .NET
- **Front-end Development:** React, HTML/JS/CSS, SwiftUI, .NET MAUI/Xamarin
- **Databases:** PostgreSQL, SQL Server
- **Infrastructure, Cloud & Systems:** AWS (EC2, S3, Route 53, RDS, Elastic Beanstalk), Microsoft Azure, Windows & Linux Server Administration, Network & Firewall Administration
- **DevOps & Automation:** Ansible, PowerShell, Python scripting
- **Developer Tools:** Git, GitHub, VS Code, Vim, Visual Studio, JetBrains IDEs

Work Experience

USable Life

February 2024 - Present

Infrastructure/Development & Automation Engineer Intern

Remote, Little Rock, AR

- Administered Windows and Linux server infrastructure across cloud (Azure) and on-prem environments, managing identity (Active Directory/BeyondTrust), virtualization (VMware), and enterprise systems to support reliable operations
- Developed and deployed Python, Ansible, and PowerShell-based automation tools integrated with existing systems, processing 1M+ data points with zero errors and significantly improving system reliability, documentation, and operational efficiency
- Configured and maintained network and firewall security (Palo Alto, Cisco, Zscaler), ensuring secure traffic flow, access control, and system integrity across enterprise infrastructure
- Designed and improved infrastructure automation workflows, reducing manual intervention and increasing system reliability across enterprise environments

United States Citizenship and Immigration Services

Jan 2023 - September 2023

Field Service Engineer

South Burlington, VT

- Provided technical support and resolved software, hardware, and networking issues, while assisting with Windows server administration and enterprise system maintenance

Project Experience

Full Stack Social Media Web Application

January 2026 - April 2026

Collaborative Project - Lead Engineer

Burlington, VT

- Designed and deployed a full stack, real-time social media web application accessible to 14,000+ users using React, Flask, and PostgreSQL, supporting dynamic content, user interaction, and RESTful API integration
- Developed a responsive React frontend, implemented RESTful Flask APIs, managed PostgreSQL database, and deployed and maintained infrastructure on AWS (EC2, RDS, Route 53)

Full Stack Audio Plugin Application

December 2022 - Present

Personal Project - Independent Developer

Burlington, VT

- Engineered a real-time DSP audio plugin in C++ (JUICE), processing ~88,000 samples/sec with low-latency performance for music production
- Designed cross-stack architecture with custom parameter/state management, integrating a React UI and C#/.NET backend for user interaction and control

Native iOS Audio Recording Application

September 2025 - December 2025

Collaborative Project - Lead Engineer

Burlington, VT

- Developed a native iOS audio recording app using SwiftUI, focusing on intuitive UX and responsive real-time interaction

- Integrated backend services with Flask and PostgreSQL on AWS for authentication and data persistence