

# Emilio Marin

System Administrator / Software Developer

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## EXPERIENCE

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### System Administrator - Beta Academy (2021 - Present)

- Administer Windows, ChromeOS, and Linux environments for 500+ endpoints, ensuring system reliability and compliance in a school setting
- Managed Active Directory OU structure, users, groups, and GPOs to enforce security policies and standardize system configurations
- Automated application deployment, system update, and hardware configuration using PowerShell scripting
- Provide technical support to the end user troubleshooting hardware, software, and web applications with 100% user satisfaction
- Designed, deployed, and maintain a Microsoft Deployment Toolkit (MDT) distributed imaging infrastructure supporting device imaging across multiple campuses
- Optimized network-based imaging to half deployment time and minimize impact on campus bandwidth
- Integrated REST APIs into internal tooling to streamline system management, reporting, and automation processes

### Spotify CLI - Personal Project

- Designed and implemented a CLI application to control Spotify playback and devices
- Built a RPC-based client-server architecture, enabling the CLI to run independently of the playback environment

### Tooltip.nvim - Personal Project

- Utilize extensibility of NeoVim to create a plugin in Lua that shows the output of the current file
- Runs a variety of code files without any configuration
- Capability to extend and customize commands for any file extension and temporarily overwrite commands on the fly

## EDUCATION

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### University of Houston (2021-2024)

B.S. in Computer Science, Minor in Mathematics — GPA: 3.6

## SKILLS

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|-----------------------------|------------------------|-------------------------------------|
| • Golang                    | • Lua                  | • Javascript/TypeScript             |
| • Bash/PowerShell scripting | • HyperV               | • CLI                               |
| • RestAPI                   | • Google admin console | • Cloud Managed Networking (Meraki) |