Elijah McMorris

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GitHub.com/NexVeridian | NexVeridian.com | LinkedIn.com/in/NexVeridian

EDUCATION

Master of Science, Computer Science   Sep 2025 – Jan 2027
The University of Texas at Austin, Austin, TX

Bachelor of Applied Science, Software Development   Jun 2024
Lake Washington Institute of Technology, Kirkland, WA, GPA 3.57

OPEN SOURCE

JupyterLab | A web IDE for notebooks, code, and data science
- [#16341] Adds a button that finds and shuts down kernels that are not attached to an open notebook
- [#16265] Add a checkbox and a setting to skip showing the kernel restart dialog box when checked
- [#16208] Fix to correctly clear the output area of a cell in the notebook

Loco.rs | A Rust MVC web framework inspired by Rails
- [#1093] Allows some tests to run in parallel by using different ports, decreasing test time by 65-90%
- [#1204] Makes background worker tests parallel, by using different database names
- [#1360] Adds support for return yaml responses from routes
- +8 more PRs

Loco OpenAPI | Created an official extension for Loco.rs adding OpenAPI integration
- Automatically generates the OpenAPI specification and documentation for the routes
- Serves the OpenAPI documentation using either Swagger-ui, Redoc, or Scalar

Zed.dev | A next-generation code editor designed for high-performance
- [#25606] Fixes showing the max_tokens for each model in the assistant panel

+12 documentation PRs to multiple projects and PRs to Nixpkgs

PROJECTS

Ark.NexVeridian.com | Api.NexVeridian.com | ETF Holding Tracker | Next.js, TypeScript, Rust | [GitHub]
- Created and retrieves data from a REST API for the holdings of 25 ETFs and updated daily
- Visualizes it in an interactive chart, showing the ETF holdings over time
- Frontend is written in Next.js, using Tailwind, Chart.js, TanStack Table, Shadcn/ui
- Backend is written in Rust using Axum, Polars, and Redoc

Wikidata To Surrealdb | Rust [GitHub]
- Created a tool for converting Wikidata BZ2 or JSON data dumps, to a SurrealDB database

Next Url Shortener | Next.js, TypeScript [GitHub]
- Built a URL shortener using Next.js server actions, Postgres or SurrealDB, Shadcn/ui, and Tailwind

SKILLS

Languages: Rust, TypeScript, Python, JavaScript, Java, SQL, Nix, HTML, CSS
Developer Tools: Docker, Git, GitHub, SSH, Cloudflare, Azure, AWS, VPS, Visual Studio Code, Docker Compose
Libraries: Next.js, React, MySQL, Postgres, RDBMS, Tailwind CSS, Traefik, Nginx, Pandas, Numpy, Spark, Django, Flask, MVC, Shadcn/ui, Swagger, Redoc, Axum, Polars, GitHub Actions
Certifications: Microsoft Office Specialist: Excel (Office 2016) - MOS Exam 77-727 [Credly]