

MATYI KARI

US Citizen

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Education

Montana State University

Bozeman, MT

Bachelor of Science in Computer Science

Expected Graduation: December 2027

- **Relevant Coursework:** Data Structures & Algorithms, Software Engineering, Advanced Web Development, Computer Systems, Object-Oriented Programming, Programming in C

Experience

Regional Centre for Information and Scientific Development

May 2026 – July 2026

Software Release Intern

Budapest, Hungary

- Facilitated analytics tracking for 3 international research initiatives by **deploying 10+ software assets** and technical documents to the **Zenodo repository**, enabling the organization to monitor public views and download metrics
- Conducted pre-launch functional testing for two learning platforms, auditing **frontend logic** to document 14+ issues with reactive state rendering, URL routing logic, broken third-party media embeds, and component styling
- Managed **frontend content deployment** by integrating and formatting profile data for **20+ institutional** partners across the organization's web platform

Gi2.io

Feb 2026 – May 2026

Software Engineer Intern

San Francisco, CA (Remote)

- Resolved a data desynchronization bug by implementing a reliable Eventbrite API sync mechanism in **Go**, ensuring accurate event payload mapping for **1200+ business customers**
- **Refactored** the Eventbrite integration module to enforce strict separation of concerns, eliminating redundant logic and reducing core event-creation code by **37%** (over 200 lines)
- Restored the automated testing suite to a **100% pass rate** by replacing hardcoded authentication tokens with dynamically generated time-based credentials

Skycog

Jan 2023 – May 2023

Software Engineer Intern

Hamilton, MT

- Modernized the internal admin portal by overhauling the UI with standard **CSS**, resolving legacy visual bugs and significantly improving usability for internal staff
- Maintained legacy backend workflows utilizing **VBScript** and authored **SQL queries** to support reliable data retrieval for the administrative dashboard

Projects

AI Powered CLI Tool | Website | Repository

NodeJS | ReactJS | NextJS

- Architected and developed a **full-stack CLI tool** that leverages the **OpenAI API** to simplify command-line tasks for developers, scaling to **300+ users** within a month
- Implemented a complete **user authentication** and **subscription system** using **NextJS** and **Stripe**, successfully monetizing the project and providing a secure platform for users.
- Cultivated a collaborative **open-source** environment by managing community contributions, **merging pull requests**, and guiding external developers on the project's roadmap

REST API Collection | Website

Go | NodeJS | ExpressJS

- Developed and deployed multiple **RESTful APIs** utilizing **Go** and **NodeJS** to Nokia's RapidAPI platform
- Successfully handled over **3.5 million API calls** across all APIs
- Refactored APIs to **Go** and **AWS Lambda**, resulting in an **11%** performance increase and a **65%** cost decrease

Technical Skills

Languages: Go, Python, TypeScript, JavaScript, Java, C++, SQL, HTML/CSS, C, VHDL

Developer Tools: AWS, Git, Docker, Linux/Unix Systems, Postman

Libraries/Frameworks: ReactJS, PostgreSQL, NextJS, NodeJS, ExpressJS, Spring Boot