Ac Hybl

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931-303-1696 — Chattanooga, TN

TECHNICAL STRENGTHS

	Languages	Tools and Platforms
Comfortable	SQL, Python, JavaScript, Java	SQL Server, Microsoft, Git, Tableau Prep
Familiar	C/C++, Ruby, TypeScript, R, C#	LLMs, Azure, Linux, REST, React, .NET

EDUCATION

Southern Adventist University   *May 2024*
MS & BS in Computer Science, Data Analytics certificate   Graduate GPA: 3.92
Minors in Physics and Mathematics   Undergraduate GPA: 4.00

WORK EXPERIENCE

FTD Solutions   *May 2022 - Present*
DevOps Engineering Intern

- Designed, implemented, and integrated a new database using **SQL**, **SSMS**, and **Tableau Prep**.
- Automated **SharePoint** actions via the **REST API** and **Power Automate**.
- Developed advanced **HTML** tables with **JavaScript** in the Nutrient **SaaS** platform.
- Wrote **SQL** query reports for internal accounting and client research purposes.
- Gathered requirements from department leaders and developed new features for end users.
- Collaborated with a team to design and build an automated, BPMN workflow system in **Java**.

It Is Written Inc.   *May - Aug. 2020*
Web Development Intern   Collegedale, TN

- Created a website for kids, buriedtreasure.fun, using **Drupal 8**.
- Designed, implemented, and integrated features for itiswritten.tv in **Ruby on Rails** on **MacOS**.

PROJECTS

Comprehensive Question and Answer Generation with LLaMA 2   *Aug 2023 - May 2024*
Fine-tuned **LLM** on custom data. Models trained in **Python** with **HuggingFace** and **PyTorch**.

Azure AutoML Student Attendance and Seat Choice research   *Oct. 2022 - April 2023*
Conducted and published research with machine learning algorithms in **Azure**
link.springer.com/chapter/10.1007/978-3-031-47721-8_42

Nepali Hymnal in C#   *Nov. - Dec. 2023*
Helped transfer a Nepali Hymnal and Bible application from Winforms to **.NET MAUI**.

Interactive Worldwide Earthquake Visualization with Open Data   *Jan. - May 2022*
Cleaned, visualized, and presented seismic data using **Tableau** and **Tableau Prep**: matousac.github.io

Julipp   *Jan. - May. 2022*
Wrote a partial **Julia** scanner, parser, and interpreter in **C++**: github.com/MatousAc/julipp

REFERENCES

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