Ac Hybl

acistheplace@gmail.com — achybl.com — github.com/MatousAc
931-303-1696 — Chattanooga, TN

TECHNICAL STRENGTHS

	Languages	Tools and Platforms
Proficient	SQL, JavaScript, Python, C++	SQL Server, Generative AI, Tableau Prep
Competent	TypeScript, Java, Ruby, GO, R, C#	Git, Azure, Linux, REST, React, .NET

EDUCATION

Southern Adventist University *May 2024*

Masters in Computer Science, Data Analytics certificate — GPA: 3.92

Bachelors in Computer Science, Minors in Physics and Mathematics — 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 vacation bible school resources, 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*

Performed machine learning on **LLM**s. 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

Jen Shriber
Business Manager, HR
FTD Solutions
jenshriber@ftdsolutions.net
309.605.0083

Thomas Craddock
Business Systems Integration Engineer (former)
FTD Solutions
719.799.8063

Josh Best
Project Manager (former)
FTD Solutions
joshua.h.best@sargentlundy.com
423.605.7693

Kent Thomas
Director Of Information Technology
It is Written Inc.
kentt@iiw.org
701.290.5587

Robert Ordonez
Computer Science Professor
School of Computing
Southern Adventist University
rordonez@southern.edu
423.236.2962

Dr. Richard Halterman
Computer Science Professor
School of Computing
Southern Adventist University
halterman@southern.edu
423.236.2871

German H. Alferez Salinas, Ph.D.
Data Science Professor
School of Computing
Southern Adventist University
harveya@southern.edu
423.236.2252