

Ac Hybl

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931-303-1696 — Chattanooga, TN

TECHNICAL STRENGTHS

	Languages	Tools and Frameworks
Comfortable	SQL, Python, C++, JavaScript, Java	Git, SQL Server, Tableau, Ruby on Rails
Familiar	C, Ruby, TypeScript, R, C#, Elixir	Azure, MongoDB, React, .NET MAUI

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
<i>DevOps Engineering Intern</i>	
<ul style="list-style-type: none">Designed, implemented, and integrated a new database using SQL, SSMS, and Tableau Prep.Collaborated with a team to design and build an automated, BPMN workflow system in Java.Created workflows for FTD Solutions and its clients in this brand-new platform.Wrote Python script to transfer company forms from JSON to XML: github.com/MatousAc/orbify	
It Is Written Inc.	May - Aug. 2020
<i>Web Development Intern</i>	Collegedale, TN
<ul style="list-style-type: none">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

Thomas Craddock

Business Systems Integration Engineer

FTD Solutions

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Josh Best

Project Manager (former)

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