

Ac Hybl

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

EDUCATION

Southern Adventist University

MS & BS in Computer Science, Data Analytics certificate

- Minors in Physics and Mathematics

GPA: 4.00

May 2024

WORK EXPERIENCE

FTD Solutions

May 2022 - Present

DevOps Engineering Intern

- Collaborated with a team to design and build an automated workflow system in **Java**.
- Created workflows for FTD and its clients in this brand-new platform.
- Designed, implemented, and integrated a new database using **SQL**, **SSMS**, and **Tableau Prep**.
- Wrote **Python** script to transfer company forms from **JSON** to **XML**: github.com/MatousAc/orbify

Southern Adventist University

Aug. 2020 - Dec. 2022

Computer Science Tutor/Lab Operator

Collegedale, TN

- Tutored students in procedural programming and basic algorithms using **Java**.
- Helped students with **Windows**, **Excel**, and **JavaScript** homework.

It Is Written Inc.

May - Aug. 2020

Web Development Intern

Collegedale, TN

- Created 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
tcraddock@ftdsolutions.net
719.799.8063

Josh Best

Project Manager (former)
FTD Solutions
423.605.7693

Shelly Spencer-Merryman

Office Manager
Writing Center
Southern Adventist University
spencermerryman@southern.edu
423.236.2508

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