

Ac Hybl

achybl.com — acistheplace@gmail.com — 931-303-1696

PROFESSIONAL SUMMARY

Computer scientist experienced in several programming languages and tools. Academic and professional projects include research in artificial intelligence, software development, and data management.

TECHNICAL STRENGTHS

	Languages	Tools
Comfortable	Python, C++, JavaScript, SQL, Java	Git, Windows, Excel, Svelte, Tableau
Familiar	TypeScript, C, C#, XQuery, R	Azure, SSMS, MacOS, React, Firebase

EDUCATION

Degrees I am pursuing:	Details:
Master of Science in Computer Science, Data Science cert.	School: Southern Adventist University
Bachelor of Science in Computer Science	Expected Graduation: <i>May 2024</i>
Minors in Physics and Mathematics	Undergraduate GPA: 4.00

WORK EXPERIENCE

DevOps Engineering Intern *May 2022 - Present*
FTD Solutions

- 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

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

Azure AutoML Student Attendance and Seat Choice research *Oct. 2022 - Sep. 2023*
Conducted research with machine learning algorithms in Azure: springer.com/chapter/10.1007

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

Cartesian Problems *Oct. - Nov. 2022*
Visualized convex hull algorithms/heuristics in **Java**: github.com/MatousAc/cartesianProblems

REFERENCES

Thomas Craddock

Business Systems Integration Engineer
FTD Solutions
tcaddock@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