Ac Hybl

acistheplace@gmail.com — 931-303-1696

PROFESSIONAL SUMMARY

Computer scientist experienced with several programming languages and tools. Academic and professional projects include scripting, research with machine learning, data cleaning, and data visualization.

TECHNICAL STRENGTHS

	Languages	Tools
Comfortable	C++, Python, Java, R, SQL, JavaScript	Git, Windows, Excel, Svelte, Drupal
Familiar	Ruby on Rails, XQuery	Azure, Tableau, React, Firebase, Wix

EDUCATION

Degrees I am pursuing	**Information about all degrees**
Master of Science in Computer Science, Data Analytics certificate	*Aug. 2019 - May 2024*
Bachelor of Science in Computer Science	Southern Adventist University
Minors in Physics and Mathematics	Overall GPA: 4.00

WORK EXPERIENCE

Workflow Automation Engineer *May 2022 - Present*
FTD Solutions

- Collaborated with a software development team to design and build an automated workflow system.
- Designed workflows for FTD and its clients in this brand-new platform.
- Wrote **Python** script to transfer company forms from **JSON** to **XML**: github.com/MatousAc/orbify

Computer Science Tutor/Lab Operator *Aug. 2020 - Dec. 2022*
Southern Adventist University Collegedale, TN

- Helped students with their **Microsoft Office** and **HTML5** homework.
- Tutored students in procedural programing and basic algorithms using **Java**.

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**.

PROJECTS

Azure AutoML Student Attendance and Seat Choice research *Oct. 2022 - Feb. 2023*

Conducted research with machine learning algorithms in Azure: achybl.com/AzureAutoML.pdf

Interactive Worldwide Earthquake Visualization with Open Data *Jan. - May 2022*

Cleaned, visualized, and presented seismic data using **Tableau** and **Tableau Prep**: matousac.github.io

Cartesian Problems *Oct. - Nov. 2022*

Visualized convex hull algorithms/heuristics in **Java**: github.com/MatousAc/cartesianProblems

REFERENCES

Josh Best
Project Manager, Hiring Manager
FTD Solutions
jbest@ftdsolutions.net
423.605.7693

Thomas Craddock
Business Systems Integration Engineer
FTD Solutions
tcraddock@ftdsolutions.net
719.799.8063

Shelly Spencer-Merryman
Writing Center Office Manager
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

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

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

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