Ac Hybl

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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:	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	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

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

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

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: 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

REFERENCES

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