

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, SQL Server, Svelte, Tableau
Familiar	TypeScript, C, C#, .NET, XQuery, R	Azure, MongoDB, 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

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Josh Best

Project Manager (former)

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