

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: | Details: |
|---|---------------------------------------|
| Master of Science in Computer Science, Data Analytics 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

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