

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:

Master of Science in Computer Science, Data Analytics certificate
Bachelor of Science in Computer Science
Minors in Physics and Mathematics

Information about all degrees:

Aug. 2019 - May 2024
Southern Adventist University
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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