

Ac Hybl

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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, Firebase, Plotly Dash

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
Overall GPA: 4.00

WORK EXPERIENCE

DevOps Engineering Intern *FTD Solutions*

May 2022 - Present

- Collaborated with a software development team to design and build an automated workflow system.
- Designed, implemented, and integrated a new database for the company.
- Wrote **Python** script to transfer company forms from **JSON** to **XML**: github.com/MatousAc/orbify

Computer Science Tutor/Lab Operator *Southern Adventist University*

Aug. 2020 - Dec. 2022
Collegedale, TN

- Helped students with their **Microsoft Office** and **HgTML5** homework.
- Tutored students in procedural programming and basic algorithms using **Java**.

Physics Intern *Oak Ridge National Laboratory*

Jan. 2022
Oak Ridge, TN

- Diagnosed and monitored an ultra-high vacuum particle beamline.

Web Development Intern *It Is Written Inc.*

May - Aug. 2020
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

REFERENCES

Josh Best

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