

Ac Hybl

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SUMMARY

Computer science student at southern with experience in several programming languages and frameworks. Academic and professional projects include software development, web development, research with machine learning, and data visualization.

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

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

ACADEMIC 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

WORK EXPERIENCE

Workflow Automation Engineer *May 2022 - Present*
FTD Solutions

- 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 *Aug. 2020 - Dec. 2022*
Southern Adventist University Collegedale, TN

- Helped students with their **Microsoft Office** and **HTML5** homework.
- Tutored students in procedural programming and basic algorithms using **Java**.

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**.

REFERENCES

Josh Best

Project Manager, Hiring Manager
FTD Solutions
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Thomas Craddock

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