

# Ac Hybl

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## PROFESSIONAL SUMMARY

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Computer scientist experienced with several programming languages and tools. Academic and professional projects include scripting, software development, data cleaning, and data visualization.

## TECHNICAL STRENGTHS

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<b>Comfortable</b>	C++, Python, Java, R, SQL, JavaScript, HTML5, CSS3, Windows, Drupal
<b>Familiar</b>	Git, Java Spring, Ruby on Rails, XQuery, Tableau, Excel, Firebase, OpenRefine

## EDUCATION

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Master of Science in Computer Science, Data Analytics certificate	<i>Aug. 2019 - May 2024</i>
Bachelor of Science in Computer Science	Southern Adventist University
Minors in Physics and Mathematics	Overall GPA: 4.00

## WORK EXPERIENCE

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<b>Workflow Automation Engineer</b> <i>FTD Solutions</i>	<i>May 2022 - Present</i>
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- Designed automated workflows for company projects in a brand-new system.
- Developed software in **Java Spring** while integrating with a diverse team of engineers.
- Wrote **Python** script to transfer company forms from **JSON** to **XML**: [github.com/MatousAc/orbify](https://github.com/MatousAc/orbify)

<b>Computer Science Tutor</b> <i>Southern Adventist University</i>	<i>Jan. - May 2021</i> Collegedale, TN
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- Taught programming to students in a **Java** programming class.

<b>Physics Intern</b> <i>Oak Ridge National Laboratory</i>	<i>Jan. 2022</i> Oak Ridge, TN
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- Diagnosed and monitored an ultra-high vacuum particle beamline.

<b>Web Development Intern</b> <i>It Is Written Inc.</i>	<i>May - Aug 2020</i> Collegedale, TN
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- Created website for kids, [buriedtreasure.fun](https://buriedtreasure.fun), using **Drupal 8**.
- Designed, implemented, and integrated features for [itiswritten.tv](https://itiswritten.tv) in **Ruby on Rails**.

## PROJECTS

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<b>Interactive Worldwide Earthquake Visualization with Open Data</b>	<i>Jan. - May 2022</i>
Cleaned, visualized, and presented seismic data using <b>OpenRefine</b> and <b>Tableau</b> : <a href="https://matousac.github.io">matousac.github.io</a>	

<b>Julia Interpreter</b>	<i>April 2022</i>
Created tree-walk interpreter for the <b>Julia</b> language using <b>C++</b> : <a href="https://github.com/MatousAc/julipp">github.com/MatousAc/julipp</a>	

<b>Blanker</b>	<i>Oct. 2019 - Aug. 2021</i>
Built front-end for student study application in <b>JavaScript</b> , <b>HTML5</b> , and <b>CSS3</b> .	

## REFERENCES

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**Josh Best**

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FTD Solutions  
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