

# Ac Hybl

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## PROFESSIONAL SUMMARY

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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

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	Languages	Tools and Frameworks
Comfortable	Python, SQL, C++, JavaScript, Java	Git, SQL Server, Svelte, Tableau
Familiar	TypeScript, R, C, C#, XQuery, Elixir	Azure, MongoDB, React, .NET MAUI

## EDUCATION

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Degrees I am pursuing:	Details:
Master of Science in Computer Science, Data Science 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

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<b>DevOps Engineering Intern</b> <i>FTD Solutions</i>	<i>May 2022 - Present</i>
<ul style="list-style-type: none"><li>Collaborated with a team to design and build an automated workflow system in <b>Java</b>.</li><li>Created workflows for FTD and its clients in this brand-new platform.</li><li>Designed, implemented, and integrated a new database using <b>SQL</b>, <b>SSMS</b>, and <b>Tableau Prep</b>.</li><li>Wrote <b>Python</b> script to transfer company forms from <b>JSON</b> to <b>XML</b>: <a href="https://github.com/MatousAc/orbify">github.com/MatousAc/orbify</a></li></ul>	
<b>Web Development Intern</b> <i>It Is Written Inc.</i>	<i>May - Aug. 2020</i> Collegedale, TN
<ul style="list-style-type: none"><li>Created website for kids, <a href="https://buriedtreasure.fun">buriedtreasure.fun</a>, using <b>Drupal 8</b>.</li><li>Designed, implemented, and integrated features for <a href="https://itiswritten.tv">itiswritten.tv</a> in <b>Ruby on Rails</b> on <b>MacOS</b>.</li></ul>	

## PROJECTS

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<b>Azure AutoML Student Attendance and Seat Choice research</b>	<i>Oct. 2022 - Sep. 2023</i>
Conducted research with machine learning algorithms in Azure: <a href="https://springer.com/chapter/10.1007">springer.com/chapter/10.1007</a>	
<b>Nepali Hymnal</b>	<i>Nov. - Dec. 2023</i>
Helped transfer a Nepali Hymnal and Bible application from Winforms to <b>.NET MAUI</b> .	
<b>Interactive Worldwide Earthquake Visualization with Open Data</b>	<i>Jan. - May 2022</i>
Cleaned, visualized, and presented seismic data using <b>Tableau</b> and <b>Tableau Prep</b> : <a href="https://matousac.github.io">matousac.github.io</a>	
<b>Julipp</b>	<i>Jan. - May. 2022</i>
Wrote a partial <b>Julia</b> scanner, parser, and interpreter in <b>C++</b> : <a href="https://github.com/MatousAc/julipp">github.com/MatousAc/julipp</a>	

## REFERENCES

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**Thomas Craddock**

*Business Systems Integration Engineer*

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