

# Ac Hybl

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## TECHNICAL STRENGTHS

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

## EDUCATION

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<b>Southern Adventist University</b> MS & BS in Computer Science, Data Analytics certificate Minors in Physics and Mathematics	<i>May 2024</i> Graduate GPA: 3.92 Undergraduate GPA: 4.00
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## WORK EXPERIENCE

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<b>FTD Solutions</b> <i>DevOps Engineering Intern</i> <ul style="list-style-type: none"><li>Designed, implemented, and integrated a new database using <b>SQL</b>, <b>SSMS</b>, and <b>Tableau Prep</b>.</li><li>Collaborated with a team to design and build an automated, BPMN workflow system in <b>Java</b>.</li><li>Created workflows for FTD Solutions and its clients in this brand-new platform.</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>	<i>May 2022 - Present</i>
<b>It Is Written Inc.</b> <i>Web Development Intern</i> <ul style="list-style-type: none"><li>Created a 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>	<i>May - Aug. 2020</i> Collegedale, TN

## PROJECTS

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<b>Comprehensive Question and Answer Generation with LLaMA 2</b> Fine-tuned <b>LLM</b> on custom data. Models trained in <b>Python</b> with <b>HuggingFace</b> and <b>PyTorch</b> .	<i>Aug 2023 - May 2024</i>
<b>Azure AutoML Student Attendance and Seat Choice research</b> Conducted and published research with machine learning algorithms in <b>Azure</b> <a href="https://link.springer.com/chapter/10.1007/978-3-031-47721-8_42">link.springer.com/chapter/10.1007/978-3-031-47721-8_42</a>	<i>Oct. 2022 - April 2023</i>
<b>Nepali Hymnal in C#</b> Helped transfer a Nepali Hymnal and Bible application from Winforms to <b>.NET MAUI</b> .	<i>Nov. - Dec. 2023</i>
<b>Interactive Worldwide Earthquake Visualization with Open Data</b> 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>	<i>Jan. - May 2022</i>
<b>Julipp</b> 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>	<i>Jan. - May. 2022</i>

## REFERENCES

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