

# Ac Hybl

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931-303-1696 — Chattanooga, TN

## TECHNICAL STRENGTHS

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

## EDUCATION

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

## WORK EXPERIENCE

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<b>FTD Solutions</b>	<i>May 2022 - Present</i>
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### *DevOps Engineering Intern*

- Designed, implemented, and integrated a new database using **SQL**, **SSMS**, and **Tableau Prep**.
- Developed advanced **HTML** tables in the Nutrient **SaaS** platform.
- Gathered requirements from department leaders and demonstrated new features to end users.
- Collaborated with a team to design and build an automated, BPMN workflow system in **Java**.
- Created workflows for FTD Solutions and its clients in this brand-new platform.
- Wrote **Python** script to transfer company forms from **JSON** to **XML**: [github.com/MatousAc/orbify](https://github.com/MatousAc/orbify)

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

## PROJECTS

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<b>Comprehensive Question and Answer Generation with LLaMA 2</b>	<i>Aug 2023 - May 2024</i>
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Fine-tuned **LLM** on custom data. Models trained in **Python** with **HuggingFace** and **PyTorch**.

<b>Azure AutoML Student Attendance and Seat Choice research</b>	<i>Oct. 2022 - April 2023</i>
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Conducted and published research with machine learning algorithms in **Azure**  
[link.springer.com/chapter/10.1007/978-3-031-47721-8\\_42](https://link.springer.com/chapter/10.1007/978-3-031-47721-8_42)

<b>Nepali Hymnal in C#</b>	<i>Nov. - Dec. 2023</i>
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Helped transfer a Nepali Hymnal and Bible application from Winforms to **.NET MAUI**.

<b>Interactive Worldwide Earthquake Visualization with Open Data</b>	<i>Jan. - May 2022</i>
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Cleaned, visualized, and presented seismic data using **Tableau** and **Tableau Prep**: [matousac.github.io](https://matousac.github.io)

<b>Julipp</b>	<i>Jan. - May. 2022</i>
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Wrote a partial **Julia** scanner, parser, and interpreter in **C++**: [github.com/MatousAc/julipp](https://github.com/MatousAc/julipp)

## REFERENCES

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**Thomas Craddock**

*Business Systems Integration Engineer*

FTD Solutions

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**Josh Best**

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*Business Manager, HR*

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