# Ac Hybl

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## PROFESSIONAL SUMMARY

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

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

## EDUCATION

| 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: *May 2024* |
| Minors in Physics and Mathematics | Undergraduate GPA: 4.00 |

## WORK EXPERIENCE

**DevOps Engineering Intern** *May 2022 - Present — 25 hrs/wk*
*FTD Solutions*

- Collaborated with a team to design and build an automated workflow system in **Java**.
- Created workflows for FTD and its clients in this brand-new platform.
- Designed, implemented, and integrated a new database using **SQL**, **SSMS**, and **Tableau Prep**.
- Wrote **Python** script to transfer company forms from **JSON** to **XML**: github.com/MatousAc/orbify

**Web Development Intern** *May - Aug. 2020 — 35 hrs/wk*
*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** on **MacOS**.

## PROJECTS

**Azure AutoML Student Attendance and Seat Choice research** *Oct. 2022 - April 2023 — 6 hrs/wk*

Conducted research with machine learning algorithms in Azure: springer.com/chapter/10.1007

**Nepali Hymnal** *Nov. - Dec. 2023 — 5 hrs/wk*

Helped transfer a Nepali Hymnal and Bible application from Winforms to **.NET MAUI**.

**Interactive Worldwide Earthquake Visualization with Open Data** *Jan. - May 2022 — 5 hrs/wk*

Cleaned, visualized, and presented seismic data using **Tableau** and **Tableau Prep**: matousac.github.io

**Julipp** *Jan. - May. 2022 — 15 hrs/wk*

Wrote a partial **Julia** scanner, parser, and interpreter in **C++**: github.com/MatousAc/julipp

## REFERENCES

**Thomas Craddock**
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