

# Ac Hybl

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## PROFESSIONAL SUMMARY

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Computer scientist with work experience in various languages and frameworks. Flexibly applies competitive knowledge in mathematics and physics to problems. History of self-propulsion and creativity.

## TECHNICAL STRENGTHS

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<b>Languages</b>	C++, Python, R, Java, SQL, Ruby, JavaScript
<b>Tools</b>	Tableau, Drupal, Excel, Firebase, Windows

## EDUCATION

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Bachelor of Science in Computer Science	Aug. 2019 - May 2024
Master of Science in Computer Science	Southern Adventist University
Physics Minor, Mathematics Minor	Overall GPA: 4.00

## WORK EXPERIENCE

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<b><i>Workflow Automation Engineer</i></b>	May 2022 - Present
<b>FTD Solutions</b>	

- Developed automated workflows for company projects.
- Wrote program in **Python** to help transfer company forms between old and new systems.
- Integrated closely with a team of **Java** software developers and clients within the company.

<b><i>Computer Science Tutor</i></b>	Jan.- May 2021
<b>Southern Adventist University</b>	Collegedale, TN

- Taught students in Fundamentals of Programming about loops, arrays, classes and other programming basics and how to use them in Java.
- Aided students in Discrete Mathematics with various assignments.

<b><i>Physics Intern</i></b>	Jan. 2022
<b>Oak Ridge National Lab</b>	Oak Ridge, TN

- Controlled and monitored an ultra-high vacuum particle beamline.

<b><i>Web Development Intern</i></b>	May - Aug 2020
<b>It Is Written Inc.</b>	Collegedale TN

- Created [website for kids](#) using Drupal 8.
- Designed, implemented, and integrated features for [itiswritten.tv](#) in Ruby on Rails.

## PROJECTS

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

<b><i>Julia Interpreter</i></b>	April 2022
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- Created interpreter for the **Julia** language using **C++**. View at [github.com/MatousAc/julipp](https://github.com/MatousAc/julipp)

<b><i>Blanker</i></b>	Oct. 2019 - Aug. 2021
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- Wrote front-end for study application in **JavaScript**.