**MICHAEL HECKMAN**

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# Work Experience

## Application Developer

**DB Services - Indianapolis, IN**

*May 2022 - Present*

* Designed and developed custom database application solutions for clients
* Implemented UI/UX features in systems to match modern conventions
* Navigated multiple projects at once with tight deadlines
* Implemented a scrum-based pattern of work
* Created proposals for clients to fit their needs
* Enacted Extreme Ownership in the company
* Acted as the primary contact for several clients
* Outperformed budget and time restraints
* Delegated tasks and projects to teammates
* Oversaw project management and drafted proposals for new projects
* Engaged the community with article creation

## Website Maintenance and Upkeep

**Canal Society of Indiana - Muncie, IN**

*October 2021 - January 2022*

* Maintained an up-to-date quality website
* Improved functionality of dynamic sections of website
* Partnered closely with the owners to assess needs

## Research Assistant

**Ball State University - Muncie, IN**

*May 2021 - August 2021*

* Performed dynamic full stack coding
* Designed front-end graphics
* Established links between different programming languages/nodes
* Used back-end runtime environments to run tasks efficiently
* Performed testing/quality-of-life upgrades on existing software
* Honed partner/group coding skills
* Managed time under deadlines
* Worked with client to assess needs

# Education

## Bachelor’s Degree

**Ball State University, College of Sciences**, *August 2019 - May 2022*

# Skills

* JavaScript • HTML • PHP • CSS • JQuery • Java • C# • Python • JSON • Unity
* MySQL • MongoDB • AWS (Lambda functions, DynamoDB, etc.) • FileMaker
* Microsoft Office • GitHub • Most Code Editors • Google Suite
* Basic Graphic Design • Modeling (Blender, Maya)
* Basic Algorithms
* Photo Editing • Audio Editing • Video Editing

# Certifications

* Salesforce: Administrator Certification
* FileMaker Pro 19 Certification

# Other

## A web-viewer flipbook for a personal project

# After being frustrated by flipbook services with monthly payments and watermarks, I decided to start working on my own dynamic flipbook for a book I’m writing and releasing online. It uses JavaScript, HTML, and CSS to work, and can be found at <https://msheckman.com/luna>

## A Tool for Multi-Paradigm Modeling (AToMPM)

# I helped to develop a model-based alternative to classic block-based coding methods for a study, such as those presented in code.org’s “Hour of Code.” The project can be found here: <https://github.com/mdeforall/atompm/tree/Summer21>