

MICHAEL HECKMAN

Warsaw, IN

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Work Experience

Lead 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
- 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>