**MICHAEL HECKMAN**

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# Work Experience

## 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

## Stockroom Assistant, Smoker Craft Inc - New Paris, IN

*June 2019 - August 2019, May 2020 - August 2020*

Sorted, stocked, and inventoried, developed organizational/communicational skills, managed/developed technology, time, and materials

# Education

## Bachelor’s Degree

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

# Skills

* JavaScript • HTML • PHP • CSS • JQuery • Java • C# • Python
* MySQL • MongoDB • AWS (Lambda functions, DynamoDB, etc.)
* Microsoft Office • GitHub • Most Code Editors
* Basic Graphic Design • Basic 3D Modeling
* Basic Algorithms
* Photo Editing • Audio Editing • Video Editing

# 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>.

## Programming Fundamentals — Proficient

April 2020

Designed by engineering managers and real-world employers, this test gives you hard data points to evaluate technical competency.

Full results: [Proficient](https://share.indeedassessments.com/share_to_profile/11610962a5c29c2c27a7d2c3b15a3421eed53dc074545cb7)

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