MICHAEL HECKMAN

New Paris, IN

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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

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.