

# Caleb M. Powell

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## PROFILE

Physics and Computational Mathematics major with a minor in Computer Science. Interested in opportunities to expand knowledge and gain experience in relevant fields.

## EDUCATION

**B.A. Physics & Computational Mathematics:** Wabash College, Crawfordsville, IN.

May 2022

**Minor:** Computer Science

**Technical Skills:** Python, Java, Adobe Photoshop, LaTeX, and Mathematica, Jupyter Notebook, HTML, JavaScript, CSS. Certification in Autodesk Revit Architectural Software, and AutoCAD Drafting Software.

**Relevant Coursework:** Introduction to Computer Science, Data Structures, Linear Algebra, Differential Equations, Multivariable Calculus and Numerical Analysis.

## PROFESSIONAL EXPERIENCE

**Physics Quantitative Skills Center,** Crawfordsville, IN

August 2020 - Present

- Assists academic development for all students through tutoring in available physics courses

**Education Technology Center,** Crawfordsville, IN

August 2019 - Present

- Supports students in the use of technology equipment in the Lilly Library
- Enhances Skills in Photoshop through development of a variety event posters

**Web Development,** TechPoint S.O.S. Challenge, Indianapolis, IN

June 2020 – July 2020

- Improved teamwork strategies through development and marketing of a web product
- Completed a five-week program in developing HTML, JavaScript, and CSS skills

**Supplemental Instructure,** Crawfordsville, IN

August 2020 – November 2020

- Assisted the academic development for all students in PHY-109 (Algebra Physics) through teaching, lesson planning and tutoring

## PROFESSIONAL DEVELOPMENT

**Python Programming Project,** Crawfordsville, IN

August 2020 – Current

- Developed experience working with API's, GPIO pins and circuits
- Improved knowledge of Python programming language and GitHub repositories

**3D Modeling,** Thomas Pavia, Princeton, NJ

September 2020 - October 2020

- Designed 3D models of a patented exercise equipment for market production.
- Improved skills in Autodesk Revit 3D design

**Wrestler,** Wabash College & Hillgrove High School

August 2015-Present

- NCAA DIII Wrestling National Duals (4<sup>th</sup> Place), NCAA DIII Wrestling National Duals (4<sup>th</sup>), GHSA Individual Wrestling State Champion