

Benjamin Bassett

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EXPERIENCE

Media Coordinator

Presbyterian Church of Coventry

June 2021 - August 2023, Tolland, CT, On-site

- Designed, wrote, and documented custom automation software to process and upload weekly sermons and generate custom slides saving hours a week.
- Coordinated media technology, weekly A/V operations, volunteers, equipment repairs and upgrades, and communicated with church leadership.
- Managed and updated a custom Vue-based church website with events, sermons, and updates, implementing new features along the way.

Summer Intern

The Blake Center for Faith and Freedom

June 2023 - August 2023, Somers, CT, On-site

- Audio/Visual design and management for large events, as well as organization and documentation of various property-wide technology.
- Maintained 70 acre property: involved lawn care, building maintenance, equipment upgrades and repair, inventory management, and team coordination.

Podcast Host

Rhetoric in Retrospect

January 2021 - June 2023, Remote

- Host and editor of 32 episode podcast: involved research, scripting, remote collaboration, scheduling, audio engineering, editing and marketing.

PROJECTS

Open-Source Software Development

<https://github.com/benonymity> · March 2020 - Present

- Involved with notable open-source projects, implementing features, fixing bugs, and engaging with development community.
- Has open-sourced, documented, licensed, and supports 15+ personal projects on Github, totaling tens of thousands of lines of code.
- Notable projects include a personal website, photo gallery, social Spotify visualizer, reference webpages, automation APIs, and audiobook tools.

Homelab

April 2021 - Present

- Designed, built, and maintains enterprise-level homelab and network that hosts more than 100+ services, many of which are custom.
- Maintains 99% uptime on public services, learning DevOps and valuable systems and network engineering skills through experimentation.

EDUCATION

Bachelor of Science in Physics and Mathematics

Minor in Computer Science · Hillsdale College · Hillsdale, MI · 2027 (anticipated) · 3.75 GPA

- Relevant coursework: Data Structures, Calculus I & II, Physics I & II.
- Member of the Society of Physics Students and Applied Math Club, made the Fall 2023 Dean's List.

High School Diploma

Homeschooled through Classical Conversations · Sturbridge, MA · May 2023 · 4.0 GPA

- Relevant STEM coursework: Physical Science, Biology, Chemistry, Physics, Logic (formal and informal), and Math (pre-algebra through calculus).

Teenpact Leadership Schools

Hartford, CT · 2013-2022 · Top of Class 2x

- Senator Elect of 2021 Teenpact: involved extensive leadership, campaigning, marketing, communication, and public speaking.

INVOLVEMENT

Physics Data Analysis

Hillsdale, MI · Lauback Research Lab · February 2024 - Present

- Wrote novel processing code for analysis of MyOne Dynabead movement using OpenCV and Python, and used Matlab and Mathematica for further analysis.
- Worked towards goal of analyzing and predicting magnetic moment through bulk processing of experimental microscope recordings.

Radio Astronomy Research

Hillsdale College, MI · NANOGrav Student Teams of Astrophysics Researchers · August 2023 - Present

- Reviewed, classified, and discussed hundreds of reprocessed pulsar candidates from the Green Bank and Parkes radio telescopes.
- Contributed to LoFASM radio telescope construction and worked on solar eclipse observation, as well as inter-university NANOSTars telecons.

SKILLS

Technical Skills: Experience in Git, Linux, Go, C++, Python, Vue, Swift, SQL, Javascript, HTML, CSS, and writing, testing, and debugging codebases.

Soft Skills: Critical Thinking, Public Speaking, Writing, Leadership, Communication, Project Coordination, and Remote Collaboration.