Benjamin Bassett

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Education

Hillsdale College, BS in Physics and Mathematics, Minor in Computer Science

2023 — Present

- Currently enrolled as a full-time undergraduate student at Hillsdale College.
- Pursuing well-rounded education in the liberal arts and sciences and cultivating academic excellence.
- Developing skills in advanced mathematics, physics, programming, research, and scientific computing.

Classical Conversations, High School

2011 - 2023

- Graduate of Classical Conversations, a rigorous homeschool program built on the classical education model.
- Studied the liberal arts and sciences like debate, literature, philosophy, and mathematics (Transcript).
- Completed comprehensive curriculum and participated in Mock Trial, Science Fair, and Senior Thesis.

Working Experience

Summer Intern, Llmzy – Remote

Summer 2024

- Designed backend, tests, and tooling for next-gen agent-based collaborative LLM developer tools.
- Collaborated remotely, using Github and Slack to coordinate contributions and work towards milestones.
- Learned and implemented best practices for using Typescript, Oclif, mocha, and chai frameworks.

Media Coordinator, Presbyterian Church of Coventry - Coventry, CT

2021 - 2023

- Designed custom software for sermon processing, uploading, and slide generation from bulletin scraping.
- Coordinated media technology, weekly operations, volunteers, equipment, communicated with leadership.
- Managed and updated custom Vue-based church website with events, sermons, and regular content updates.

Open-Source Developer, Self-Employed – Remote

2020 — Present

- Contributing to open-source software and developing various applications for personal use.
- Designed, built, and is maintaining a homelab with 99% uptime running over 100 Docker containers.
- Engaging in penetration testing and bug bounty hunting through responsible disclosure programs.

Coursework

Computer Science: CMP-201 (Data Structures), CMP-310 (Algorithms), CMP-355 (Cybersecurity)

Skills

Programming Languages: Python, C++, C, Go, Swift, JavaScript, TypeScript, HTML, CSS, TeX, SQL

Software: Linux, Git, GitHub, Docker, API Usage, Websockets, OAuth2, Bash, Nginx, WireGuard, Neovim, tmux

Hardware: Vernier Labquest, Flipper Zero, Raspberry Pi, Arduino, Dell Poweredge, Nvidia CUDA, Virtualization

Languages: English (Native), Latin (Intermediate), Spanish (Beginner)

Other: Technical Writing, Public Speaking, Podcasting, Video Editing, Media Coordination, A/V Operations

Clubs and Organizations

Hillsdale College: Society of Physics Students, Math Competition Team, Swing Dance Club, C. S. Lewis Society, Shakespeare Club, Tower Players, NANOStars, Chess Club