

Ethan Snyder

<https://github.com/MorgaseTrakand>

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EDUCATION

Geneva College

Bachelor's in Computer Science

Minors in Web and Mobile Development, Mathematics

GPA: 3.77

Dean's List: Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024

Expected December 2025

Beaver Falls, PA

Relevant Coursework: Cloud and Backend Systems, Data Structures and Algorithms, Web Programming, Operating Systems and Architecture, Object Oriented Programming, Calculus 1-3

PROJECTS

Custom Portfolio Site (Live Demo: <https://ethansnyder.dev>)

- Developed a fully custom portfolio site using React.JS, Three.JS, and GSAP, achieving a PageSpeed Insights score of 70+ for performance and a score of 100 for SEO, Accessibility and Best Practices.
- Features 5 responsive sections and 10+ interactive 3D models, delivering a smooth and modern user experience across all devices.
- Website implements 20+ GSAP animations, including scroll-triggered effects, ensuring a smooth and modern web experience.

Full Stack Spotify Statistics Website <https://github.com/MorgaseTrakand/spotify-stats-express>

- Built a Spotify statistics website with React.JS as the frontend and Node.JS + Express.JS as the backend, handling 1000+ lines of raw JSON for data extraction.
- Features such as OAuth 2.0, CSRF protection and cookie-based authentication serve to provide a secure and modern experience.
- Users can view 5 detailed stat sections, including top tracks, artists, and genres over different timeframes.

Algorithm Visualizer (Live Demo: <https://algorithm-visualizer-losf.onrender.com/quick-sort>)

- Developed a React-based application showcasing 3+ sorting algorithms, including quick sort, merge sort, selection sort.
- Features include real-time animations rendering in under 15ms per frame for smooth playback and user control functionality (pause, reset, step-through).

SKILLS

- **Programming:** JavaScript, Python, C#, HTML5/CSS, C
- **Technologies and Frameworks:** React.js, Node.js, Express.js, SQL, AWS, Tailwind CSS, SASS, Git/GitHub, GSAP, Tailwind, VMWare, Flutter, Docker
- **Additional Topics:** Agile Development, Photoshop/Illustrator, Figma

WORK EXPERIENCE

Wendys

Crew Member

May 2020 – January 2025

Warwick, RI

- Excelled in a customer-centric role for over 4 years, ensuring timely and exceptional service. In addition, was also recognized with five 'Employee of the Month' awards and took on leadership roles by training other employees.