Beckett Frey

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Summary

Aspiring developer with strong proficiency in React and JavaScript, along with solid experience in Python and modern web development. Currently exploring tools across the board to deepen skills and remain versatile. Eager to contribute to and grow within a collaborative environment.

Education

University of Wisconsin - Milwaukee   *September 2022 - May 2025*
Bachelor's, Computer Science   *GPA: 3.33*

- Course Highlights (A grade): Machine Learning, Computer Security, Operating Systems, Mathematical Modeling

Professional Experience

Hyprchs   **New York, NY, USA**
Junior ML Engineer   *December 2024 - Present*

- Built a Python pipeline for synthetic data generation to accelerate model development.
- Increased object detection accuracy to over 97% by training 25+ YOLO-based computer vision models.
- Overcame hardware limitations by leveraging Modal's serverless infrastructure for scalable compute.

Projects & Outside Experience

UPlant   **Milwaukee, WI, USA**
React Developer   *December 2024 - May 2025*

- Led frontend development of a garden maintenance app using Agile practices.
- Designed an intuitive UI using React context and hooks for efficient state management.
- Developed components to retrieve and present user data using a REST API.

Portfolio   **Madison, WI, USA**
Web Developer   *May 2025 - May 2025*

- Deployed on Vercel and utilized its features to improve SEO.
- Experimented with ISR and SSG in Next.js to build familiarity and assess fit for upcoming projects.
- Developed a mobile-first UI with centralized, reusable configuration.

Volunteering

- *Sep 2024 & Sep 2025* — Bartender for Fond Blanc Foundation's "Rally on the Runway" fundraiser, supporting event operations and helping raise funds for educational and nutritional programs in Haiti.

Skills & Interests

Strengths: Python, JavaScript, React, UI/UX Design, Git, Agile
Interests: Chess, Swimming, Biking, Running, Secluded Natural Discoveries