

Rileigh Dettling-Burki

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SUMMARY

Computer Science student at UW-Milwaukee with hands-on experience building React/TypeScript applications and a background in high-volume customer-facing environments. Seeking a software engineering internship to apply and deepen full-stack development skills.

EDUCATION

Bachelor of Science, Computer Science, University of Wisconsin-Milwaukee Dec 2027 (Expected)

- **Relevant Coursework:** Data Structures and Algorithms, Discrete Mathematics, Linear Algebra

Early College STEM Academy (Dual Enrollment), Madison College

Aug 2022 – May 2024

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java

Libraries & Frameworks: React, Tailwind CSS

Tools & APIs: REST APIs (PokéAPI), Git, Linux, JUnit, Square POS

PROJECT EXPERIENCE

Web Application Development - Nuzlocke Tracker, Personal Project

Jan 2026 – Present

React · TypeScript · Tailwind CSS · PokéAPI

- Built a full-featured web app allowing users to log wild Pokémon encounters by route and track party status across an entire challenge run.
- Integrated the open-source PokéAPI to dynamically fetch Pokémon data, types, and move sets, eliminating the need for a manual database.
- Implemented a boss-battle planning tool that lets users scout upcoming gym leaders and optimize team composition before each fight.
- Designed a responsive UI with Tailwind CSS and managed application state across components in React with TypeScript for type safety.

Priority-Based Task Scheduler, Data Structures and Algorithms Course Project

March 2026

Java · JUnit

- Implemented a task scheduling system using an endogenous doubly-linked list, where tasks serve directly as list nodes to avoid unnecessary memory allocation.
- Designed and compared multiple priority strategies (deadline-urgency, reward-value, and a custom hybrid) using the Java Comparator interface to simulate competing scheduling policies.
- Built a simulation engine that executes tasks in priority order, enforcing hard deadlines and accumulating reward, validating correctness against a reference implementation via randomized testing.

EXPERIENCE

Front of House Team Member, Ian's Pizza, Milwaukee, WI

Aug 2025 – Present

- Processed 50+ transactions per shift with 100% cash-handling accuracy in a high-volume, fast-paced environment.
- Resolved customer concerns on the spot, consistently turning friction into positive guest experiences.
- Fielded detailed product questions on menu items, ingredients, and allergens, demonstrating strong attention to detail.

ADDITIONAL EXPERIENCE

- **Barista / Housekeeping Team Member**, The Marquette Hotel and Café Nov 2021 – Aug 2024
- **Concessions Cashier/Runner**, Big Top Events (Summers) June 2021 - Aug 2022