

# Weston Clark

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## Education

### Cornell University

BS in Computer Science

Sept 2024 – May 2028

GPA: 3.0/4.0

**Coursework:** Honors Object-Oriented Programming & Data Structures, Operations Research, Mathematical Foundations of Computing, Multi-Variable Calculus, Physics Mechanics and Heat, Physics Electromagnetism

## Technical Experience

### Full-Stack Developer

Infinimoon LLC

Remote

May 2024 – Present

- Designed and deployed **8+ full-stack features** — including wish list icons with staged visibility, real-time notifications, and an image batching pipeline—utilizing front end collection logic, backend batch processing, Redis caching, and custom queuing to reduce redundant request and cut load times by up to 20%.
- Refactored **30+ Vue files** into Pug and TypeScript, streamlining over **7,750 lines of code** to enhance front-end scalability and maintainability, while aligning with modern development standards and best practices.
- Resolved **50+ bugs** in a React, Apollo GraphQL, and Typescript/Node.js codebase; used Sentry for triaging, Linear for tracking, and improved stability by refining components, state logic, and GraphQL queries.

### ECC Sub-Team Lead

Cornell Hyperloop

Ithaca, NY

September 2024 – Present

- Programmed sensor control software for the pod by writing multiple data collection scripts in C++.
- Created a new user-friendly GUI in Python to facilitate pod monitoring and enhance operational efficiency.
- Soldered sensor module components and designed circuits for seamless integration into the pod's electronics.

### Engineering Team Member

Cornell Blockchain

Ithaca, NY

September 2024 – Present

- Designed and implemented Ezrapay, a full-stack web application that allows students and faculty to easily connect their crypto wallets and manage BRB tokens, the digital equivalents of meal bucks.
- Utilized Solidity to create secure and efficient smart contracts, complemented by TypeScript for robust front-end and back-end development, ensuring functionality and performance across the platform.

## Team-Based Experience

### Utility Staff

The Daisy Tavern

Conshohocken, PA

June 2024 – Present

- Facilitated effective communication between front and back-of-house to serve 600 guests each night.
- Balanced a plethora of roles including table steward, bus boy, and food runner all in one evening.

### Head Lifeguard

Martin's Dam Swim Club

Wayne, PA

July 2019 – Sept 2023

- Started as a maintenance worker, ensuring facilities were clean and operational for daily use.
- Transitioned to front desk operations, managing check-ins and admin tasks with strong interpersonal skills.
- Advanced to lifeguard, overseeing swimmer safety, enforcing club protocols, and responding to emergencies.

## Technologies

**Languages:** Java, HTML, CSS, JavaScript, TypeScript, Python, C++, C#, Solidity, SQL, MongoDB GraphQL

**Technologies:** React, Vue.js, Git, Vaadin, Maven, Gradle, Flask, Django, Spring Boot, Node.js, Linux, Redis