DAWSON PAR

dawsonpar.dev@gmail.com • linkedin.com/in/dawson-par
github.com/dawsonpar • dawsonpar.com

EXPERIENCE

Skydance, Software Engineer I | New York City, NY *October 2026 to Present*

- Built an internal AI coworker for 4 major user groups, including GVP leadership, QA, support and engineering, that turns raw pipeline errors into plain-language answers.
- Built the assistant in-house so the org controls what data reaches external AI providers. Then extended it from single-error answers to bulk job reports and error-pattern analysis that leadership uses to target fixes.
- Architected the org's first in-house automated quality control (QC) service and took it from proof of concept to production. Its audio language detection reached 99% human-reviewed accuracy at 130x lower cost per job than third-party QC.
- Brought audio language checks in-house, a niche service that vendors charge a premium for. The checks now cost cents per package, and new checks need no new vendor contract.

Warner Bros. Discovery, Software Engineer I | New York City, NY *July 2025 to October 2026*

- Consolidated 2 duplicate media pipelines into 1 across 6 services, so 10K+ media packages a month now run through a single system.
- Optimized our service deploy build by 63% by restructuring its Docker layer caching and dependencies, which sped up every deploy and test cycle for the team.
- Removed the need to maintain a second pipeline, so the team keeps one set of validation rules, quality control tools and troubleshooting steps instead of two.
- Built the team's shared knowledge base and AI agent skills, which give engineers pipeline context from agents and make onboarding faster.

Warner Bros. Discovery, Software Engineer Intern | Bellevue, WA *June 2024 to August 2024*

- Designed, scoped, and shipped a workflow analyzer integrated into 5 monorepos, which removed all manual classification and cut failure-analysis cost by 93%.
- Built metrics dashboards that gave the team a clear view of pipeline health, which made sprint work more productive.
- Gave engineers a searchable record of why each pipeline run failed, so they found the cause of a failure without spending hours on manual investigation.

PROJECTS

Set Optics, Founder and Solo Engineer | New York City, NY *January 2026 to Present*

- Grew a self-built AI volleyball video platform to 1,000+ user signups. The platform cuts game footage into plays and analyzes player performance.
- Optimized processing jobs to run more than 2x faster than real time on standard CPU servers.
- Removed the need to scrub through full game recordings by building an AI play-detection pipeline, with evals that test every change against labeled real games.
- Implemented a durable, event-driven job system that recovers stalled video processing on its own, so the platform keeps running through crashes and failed deploys.

SKILLS

- **Languages:** Python, TypeScript, SQL
- **Frameworks and Tools:** React, Next.js, FastAPI, AWS, GCP, PostgreSQL, Terraform, GitHub Actions, Claude Code

EDUCATION

Andrews University, Berrien Springs, MI *May 2025*
Bachelor of Science in Computer Science | GPA: 3.96
Activities and Societies: Phi Kappa Phi Honor Society | Pi Mu Epsilon Honorary National Mathematics Society

AFFILIATIONS AND ACCOMPLISHMENTS

CodePath, Alumni | Remote *June 2023 to Present*

- WEB102: Intermediate Web Development
- TIP102: Intermediate Technical Interview Prep

Team USA x Google Cloud Hackathon, Winner (Honorable Mention, $5,000 prize) *June 2026*

- Built Laurel, a second-screen app for the Olympic and Paralympic Games: point a phone at the broadcast, and Gemini Vision identifies the sport and explains the rule, record or moment in seconds.

WAVE NYC (Warner Asian Voices Elevated), Local Lead | New York City, NY *February 2026 to Present*

- Co-leading NYC chapter event programming and community building for WBD's Asian business resource group.

Andrews Filipino International Association, President | Berrien Springs, MI *May 2023 to May 2024*

- Led a 200+ member cultural club and a 10-person team, running events that sustained 80%+ member engagement.