Caleb Finamore

202-810-5714
cf.contact@icloud.com

Interdisciplinary researcher with 5+ years of leadership experience. Held positions in data science, research administration, design, video & film production, athletics, & audio engineering. Possessing a multidisciplinary set of skills across creative and technical fields. Comfortable working independently, comfortable working as part of a team. Roles and skills broken down by discipline below.

Education

University of Pittsburgh ***2021 - 2025***

Magna Cum Laude
B.A. in Digital Narrative & Interactive Design
B.A. in Music Composition
Minor in Computer Science

DNID is an interdisciplinary program combining media studies, data science, & human-computer interaction. Music Composition focuses on electronic music, music production, and audio engineering.

Skills

Programming Languages
Java, Python, C, C#, HTML/CSS, JavaScript, MIPS, x86, MATLAB, Bash, R

Development Paradigms
Object-Oriented, Test-Driven, Functional, Procedural, Algorithms & Data Structures

Web Development
Flask, FastAPI, 11ty, REST APIs, Docker, Vercel, Render

Data Science
Modeling, Analysis, Visualization, RStudio, Excel

Adobe Creative Suite
Photoshop, Illustrator, InDesign, XD, After Effects, Premiere Pro

UI/UX
Figma, User Research, Accessibility, Design Systems, Wireframing, Visual Design

Game Design
Blender, Unity, Narrative Design, Tutorial Design, Player Engagement

Instructional Design
Learning Theory, Multimedia Design, Tutorial Design, Curricula Design

Videography

Cinematography, Lighting, Rigging, Editing, Motion Graphics

Instruments

Electric bass, electric/acoustic guitar, piano, synthesizer, drum machine, vocals

Audio Production & Engineering

Recording, Mixing, Mastering, Live Sound

Digital Audio Workstations

Logic Pro, Ableton, Pro Tools, Reaper

Information Technology

Windows, MacOS, Microsoft Office, Acrobat, Installation, User Support, File Mgmt.

Leadership

Personnel Mgmt., Project Mgmt., Facilities Mgmt.

Athletics Coaching

Skill Development, Strength & Conditioning, Film Study, Player Mgmt., Tactics Baseball, Soccer, Basketball, Rocket League, Valorant

Collaboration

Notion, Trello, Slack, Discord, Teams, GitHub, OneDrive

Writing

Endnote, Grant Proposals, Technical Writing, Developmental & Structural Editing

Work Experience

Research Administrator ***2026 - Present***

UPMC Hillman Cancer Center

- Overseeing 10 shared research facilities (SRs) utilized by over 80 cancer research labs at an NCI-designated Comprehensive Cancer Center
- Evaluating facility performance through survey design, distribution, and analysis, tracking usage, satisfaction, and cost recovery
- Successfully proposed a now-in-progress merger of two cytometry facilities based on survey results, which is expected to reduce cytometry overhead by 30%
- Apportioning faculty lab space by tracking grant coverage and calculating dollar density to balance research needs with available funding
- Designed an internal dashboard to centralize autoclave testing frequency and results across multiple facilities, eliminating paper usage and inter-facility travel
- Streamlined a weeks-long, yearly faculty letter-writing process into a Python program which instantly generates letters for each faculty member based on the current facilities map

Features Writer ***2025 - Present***

Deja Magazine

- Interviewing and observing musicians and bands in service of quarterly profiles illuminating the Pittsburgh music scene
- Exploring anthropological and ontological concepts in observational pieces on society and culture
- Critiquing new releases in local, national, and international contexts

Research Assistant ***2025 - 2026***

University of Pittsburgh Hub for AI & Data Science Leadership

- Led design of a series of Python-based interactive data science education modules for industry upskilling known as the ConCReTE (Context-Centered Responsible Data Science Training & Exploration) Initiative
- Led development and internal testing of four ConCReTE modules, preparing them for testing with external stakeholders
- Performed user flow testing on early ConCReTE module drafts, leading to reduction of reported frustration by internal testers by 80%
- Chiefly authored a white paper on the ConCReTE modules to be published alongside the module repository and shared with stakeholders
- Coordinated efforts between University Communications & Marketing & HAIL teams during transition from the Responsible Data Science Initiative to HAIL, ensuring branding changes, website updates, and posted content aligned with University brand guidelines
- Attended the 2025 EEAMO conference

Video Production Associate ***2025***

University of Pittsburgh Marketing & Communications Dept.

- Created video content that supports the University of Pittsburgh's branding & editorial needs for a variety of audiences, including students, alumni, donors, & industry partners
- Worked directly with external vendors including United Way & the Pittsburgh Marathon
- Served in camera operation, lighting and rigging, sound engineering, editing roles on over 20 UCM projects
- Edited video content in Premiere Pro & created motion graphics in After Effects to enhance visual storytelling

Additional Sound Engineer, Grip ***2025***

7to8 Productions

- Assisted sound & lighting departments on the short film Burden of Proof
- Recorded voiceovers, overdubs, & room tone in both studio & mobile environments
- Adjusted audio levels during recording to avoid clipping & distortion
- Laid dolly track, set up jibs, & assisted camera operators
- Set up C-stands, cut & diffused light, & ensured all stands were properly weighted

Live Sound Engineer ***2024 - 2025***

Pitt Tonight

- Managed sound operations for the student-run late-night show Pitt Tonight
- Set up wired & wireless room, lapel, & instrument mics
- Sound-checked musical guests, adjusting levels & applying EQ & compression
- Managed audio sources throughout the show, adjusting levels & inserts & toggling pre-recorded audio as needed

Director of Design ***2022 - 2023***

University of Pittsburgh Program Council

- Led a team of 15 student volunteers in handling branding & advertising needs for the
- University of Pittsburgh's student program council
- Designed a variety of print materials to promote campus awareness of council events
- Worked with program council committees directly to centralize advertising & optimize
- advertisement scheduling
- Developed post-event surveys to fine-tune ad deployment, reducing paper & ink costs by 50%

Team Member ***2023 - 2025***

&Pizza

- Gained hands-on experience in various aspects of food preparation, including pizza crafting & prep work
- Maintained a clean & organized workspace by washing dishes & routine cleaning
- Collaborated with colleagues to create a welcoming atmosphere in a fast-paced team environment
- Contributed to inventory management by monitoring stock levels & minimizing waste

Market Research Intern ***2019 - 2022***

BD Squared LLC

- Collected & organized core information on over 500 government contractors for market research purposes
- Tracked & recorded over 7,500 active government contracts across 10 different contract vehicles
- Developed scripts to automate the contract recording process, reducing average contract recording time by 75%

Video QA Intern ***2021***

GoVertical

- Assisted in development of a proprietary machine learning algorithm for automated conversion of horizontally filmed video into a vertical format to be viewed on the phone
- Trained the algorithm by correcting incorrect subject identifications, then remedied the mistakes in After Effects
- Converted videos for musical artists such as A$AP Rocky & Katy Perry, as well as companies such as CNN

Childcare Lead ***2018 - 2019***

CapCity Church

- Planned & led activities for children ages 4-12 to promote creativity, teamwork, & fun
- Supervised children to ensure a safe & supportive environment
- Checked children in & out while communicating with parents to provide updates & ensure smooth transitions
- Maintained clean & organized play areas to create a welcoming & safe space
- Encouraged positive behavior & resolved minor conflicts among children

Extracurricular, Volunteer, & Project Experience

Editor-in-Chief ***2022 - Present***

we'll go home

- Writing, editing, & promoting a Substack newsletter entitled *we'll go home*
- Critically evaluating 600+ albums on a yearly basis to recommend my favorite music to my readers every year
- Sharing stories of local figures in the Pittsburgh music scene through sit-down & virtual interviews
- Educating readers on the history of hip-hop in an ongoing three part series
- Exploring the processes that go into listening to music in addition to discussion of music itself
- Critiquing the state of the music journalism industry in short-form essays

Captain, Head Coach ***2021 - Present***

University of Pittsburgh Rocket League

- Led a collegiate team in competing in the esport Rocket League as both player & coach
- Developed a practice schedule, organized tryouts, & worked with RLCS coaches
- Installed rotational protocols, reinforcing tendencies through both live reps & film review
- Ranked nationally in the Collegiate Conference Series Top 25 across five seasons
- Qualified for the CCS National Championship six seasons in a row, making two Sweet Sixteen appearances & upsetting #1 seed Charlotte in Fall 2025
- Won the ACC Championship in Spring 2025

Founder & President ***2024 - 2026***

University of Pittsburgh Esports Club

- Brought together representatives from 6 individual esport clubs on campus to form an overarching esports club at the University of Pittsburgh
- Consulted with Pitt's Campus Recreation & IT teams on their esports space, designing specifications for 50 custom PCs for competitive & casual student use
- Organized, fundraised for, & promoted campus-wide events to bring together students

interested in gaming, including League of Legends & Valorant tournaments with peak viewerships of 200+ concurrent viewers and prizepools totaling over $1000

Lead Web Developer ***Fall 2025***

The Blue Moon Bar

- Led a team of 4 students in redesigning local drag bar Blue Moon's website
- Created a front-end that streamlined navigation & better aligned with their brand identity
- Wrote a script to update hours in real time
- Ensured compliance with W3C Accessibility Guidelines

Lead Developer ***Spring 2025***

University of Pittsburgh DNID Capstone

- Worked with a team of students to develop a real-time audio-reactive visual synthesizer
- Developed five custom audio-reactive patches for the open-source Hydra video synthesizer
- Implemented OpenBox onto Raspberry Pi to run program on startup
- Modified Hydra source code to fit into an offline Javascript environment
- Wrote bash scripts to enable toggling out of the auto-running program

Secretary ***2024 - 2025***

University of Pittsburgh Sports Analysis Club

- Wrote weekly emails updating club members on meeting & event details, sharing stories & experimenting with the possibilities of the form of email along the way
- Analyzed attendance & email response statistics to optimize member turnout
- Updated the weekly slides for meetings, organizing news from the NBA, MLB, NHL,
- NFL, NCAAF, NCAAB, & more & preparing discussion points
- a team of student leaders to take over club operations upon graduation

Video & Data Analyst ***2022 - 2024***

Port City Baseball Legion Post 24

- Recorded, organized, edited, & distributed film of individual plate appearances across 30+ games per season, totaling 5000+ pitches of data to fuel coaching decisions
- Translated statistical data into actionable player development plans, reducing teamwide strikeout rate by 19% by season's end
- Optimized base stealing strategy, leveraging pitch sequencing data to aggressively send runners to a result of a 4.0 SB per game average with 0 total CS

Student Head of Marketing ***2020 - 2021***

Hack BI IV

- Led a team of 5 student volunteers in ideating branding based on the year's chosen theme
- Created promotional materials in both physical & digital mediums
- Maintained an active social media presence across multiple platforms
- Worked with Bishop Ireton faculty, staff, & fellow student leaders to apportion a $10,000 budget

- Adapted Hack BI IV to be held entirely online in response to the Covid-19 pandemic