JAMES COOPER HARRIS

HTTPS://COOPERHARRIS.VERCEL.APP

CONTACT

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SKILLS

- Clear communicator
- Customer focused
- Adaptable
- Problem solver
- Leader & team collaborator
- Attentive to details & timelines

EDUCATION

BS, Software Engineering & Econ
Arizona State University
2024-2028
GPA of 3.88 **-** Dean's List (2x)

Menlo College | Silicon Valley Immersion Program
2023
An immersion program featuring company tours and dozens of industry professionals

Whitney High School
2020-2024
GPA of 4.25
Top 5% of CA High School Grads

LANGUAGES & TOOLS

Proficient
 - C#
 - Java

Experienced / Familiar
 - C
 - C++
 - TypeScript
 - SQL

Learning
 - Kotlin
 - Rust

PROFILE

- Boy Scouts of America (13+ years)
  - Eagle Scout
  - Order of the Arrow (Scouting honor society, voted in by peers)
- Lifetime Honoree of the California Scholarship Federation
- Distinguished Community Service Award

WORK AND VOLUNTEER EXPERIENCE

Internship

Stiver Optics   Aug 2025 - Current

- Collaborated closely with the client to gather requirements, prioritize features, and align deliverables with business objectives.
- Built the platform using MedusaJS and NextJS, integrating Stripe, Resend, Algolia, PostgreSQL, Redis, MinIO, and additional services to expand functionality.
- Designed and implemented custom order flows, email templates, and marketing automation from scratch.
- Architected and self-managed cloud infrastructure via Coolify, deploying and maintaining databases, server, worker, and frontend instances.
- Maintained connections to multiple distributed databases and optimized system performance through thoughtful infrastructure design.
- Documented system architecture, release notes, and acceptance criteria to ensure long-term maintainability.
- Provided ongoing post-launch support, delivering feature enhancements and performance upgrades based on real user feedback.

Eagle Project

Troop 29   Nov 2019 - Jul 2022

- Constructed a series of benches in a low socioeconomic community during the Pandemic and its associated global shut down
- Completed a project that totaled over 500 hours of community service
- Led a team of 20+ volunteer and community representatives
- Involved local benefactors, businesses, town council, and local Parks and Recreation Department

Internship

Michelangelo's   Mar 2020 - Nov 2020

- Designed, developed, and deployed an online eCommerce website to establish new sales channels as an adjustment to the pandemic lock down
- Scaled sales to $50k in a two-month period
- Transformed legacy management systems by integrating them into a robust online portal; this initiative improved user engagement, with several employees reporting higher satisfaction and ease of use within the first month
- Connected storefront sales and digital sales into one dashboard
- Centralized all sales channels, inventory management tools, promotions, and advertising channels in one dashboard

Volunteer, BSA Troop co-Founder, Web Master

BSA Female Troop 219   May 2019 - Jan 2020

- Helped found one of the first ever BSA Female scout troops in Northern California
- Developed and deployed a custom website for their troop to help them curate and manage their online presence (RSVPs, Events, Calendars, Inventory, Communication, Research, and more)
- Helped recruit, fund raise, and led skill and teaching stations on camping events

Patrol Leader

BSA Troop 29   May 2019 - Jan 2020

- Founded and led Patrol over two consecutive terms, to become one of the most successful units in our Troops history by almost every metric (Number of Eagle Scouts, Service Hours, Scouting Events, and Rank Ups)
- Directed and led 12+ scouts during my first official year in Boy Scouts

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PASSIONS

- Finance (DeFi + CeFi)
- Aerospace and the Cosmos
- Video Game Development
- Entrepreneurship and Business
- World History, Tech, and Finances influence on its direction

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REFERENCES

Available Upon Request

WEB PORTFOLIO

MY ENTREPRENEURIAL VENTURES

Wallet Dock

Web3 Wallet Services   Jan 2023 - Jun 2023

- Designed and deployed a NextJS Web3 website for onramping funds for zero fees using Coinbase, Thirdweb, and Circle's USDC
- Integrated a multichain, atomic enabled swapping, DeFi trading plugin to allow users to swap with low fees instantly across all EVM chains
- Deployed and live at walletdock.vercel.app

Stater

Web App - (Mobile in Progress)   Jun 2024 - Now

- Began the development of a Web3 wallet with bank like features (Deposit, Withdrawal, Interest, Cards, Cash Mechanisms)
- Began the process of integration with NextJS, Circle Modular Wallets, KyberSwap, Coinbase, Morpho Labs, Alchemy, and Bridge
- Wallet infrastructure built on Circle's Account Abstracted Smart Modular Wallets

Table Top Games

Video Game Studio   Nov 2023 - Now

- Designed and developed an online, peer to peer multiplayer Steam game with Unity and C# (Core game loop built; Polishing is what remains)
- Launched my game studio, "Table Top Games" with five co-developers
- Transitioned to solo development after high school and took over all aspects of development (Programming, Art, 3D Modeling, Music)
- Utilized Unity, Blender, Steam, FishySteamworks, Steam Heathens

Rook Servers

Cloud Compute and Web Services   Jan 2023 - Jun 2023

- Launched a cloud based platform for the deployment of custom compute products and services (Web/Game Servers, KVMs, Domains, VPNs, Web Dev, and more)
- Managed 5+ servers across 3 different cloud compute providers
- Utilized WiseCP, OpenVPN, WHMCS, CyberPanel, Pterodactyl, Google Workspace, ResellerClub, Paymenter, Virtfusion
- Utilized Azure, Google Cloud, OVH, Ionos, Vultr

Quibbit

Flash Game Website   Sept 2018 - Jun 2021

- Designed and launched an "Unblocked" flash game website with over 200 games in the content catalog so that we could get around our middle school's site blocking system
- Averaged over 400 page visits per day crowd sourced from personal network
- Monetized site, and earned minuscule revenue until Google ended support for Flash
- Utilizing Google Sites, Google Analytics, AdSense