

Cooper Reed

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Education & Core Competencies

Stanford University, Class of 2023 **Major:** Human-Centered AI Design
Relevant Coursework: AI Principles & Techniques || Natural Language Understanding || CS+Social Good Studio (Taught)
Central skills: Python || Typescript || Django || Postgres || Next.js || React || Solidity || Node.js || Docker || Google Cloud || C++

Digital Infrastructure Development Experience

Full Stack Engineer - AI & Gaming, Harvard Skills Lab - Cambridge, MA November 2023 - Present

- Design + code backend Django dataflows, as well as frontend TS GUIs, for psych experiments implemented as games
- Scope and iteratively refine AI “players” to aid/harm collaborative task completion while working with human players
- Django, Typescript, Postgres, Heroku, Docker, Poetry, Vue, CircleCI & heavy use of ChatGPT/Claude/Gemini APIs

Full Stack Engineer, Stanford Internet Observatory - Stanford, CA August 2022 - December 2022

- Developed & maintained DGAP portal(see below), streamlined dataflow, improved Confluence/Jira for tagged issues
- Google Cloud & BigQuery, Kubernetes, Telegram API, Postman, Django, Trello, Jira, Confluence

Full Stack Web3 Engineer, NiftMint - Seattle, WA (Hybrid) August 2022 - September 2022

- Implement wallet connection & security features for “NFTs for Brands” API suite and no-code NFT development platform
- Solidity, Typescript, Web3.js, crypto.js, Next.js, MongoDB, MaterialUI, Lit Protocol, Postman API, Metamask

Full Stack Web3 Engineer, Nami - remote June 2022 - July 2022

- Developing front & back end features for blockchain data analytics platform demystifying Play-to-Earn game economies
- Solidity, Typescript, Web3.js, crypto.js, ethers.js, Next.js, MongoDB, MaterialUI, Postman API, JWT, Axios, ngrok

Full Stack Engineer & Data Analyst, Stanford Division of Pain Medicine - remote March 2020 - June 2022

- Update & maintain patient case monitoring database with RedCap statistics, publishing reports through Excel, Stata, R
- Built React JS front-end interfaces for electronic health record database CHOIR on FHIR and EHR software EPIC

DAO & NFT Analyst, Blockchain Publication Manager Chop Wood Carry Balloons - remote Jan 2022 - July 2022

- Compose blockchain analysis for internal & external company briefs; manage publications on Mirror.xyz & Substack
- Develop & maintain DAO & NFT infrastructure, fanbase, publishing, revenue streams, etc in Solidity

Disinformation Data Analyst, Stanford Internet Observatory - remote April 2021 - May 2021

- Track incendiary political subterfuge on Facebook surrounding Anti-UN propaganda in the Central African Republic
- Utilized large-scale data collection and scraping to distinguish fake bot accounts vs. real people recruited to disinform

Front End Designer & Engineer, Stanford Internet Observatory - remote Sep 2020 - Nov 2020

- Design/program Reactjs UI/UX for Data Gathering Analysis Portal (DGAP) for disinformation tracking, anomaly detection
- Postman API integration with twarc, BigQuery, Social Feed Manager, and other data analysis & social media APIs

Front End Engineer, Edstruments - remote Aug 2020 - Sep 2020

- Sole Typescript, Redux, Node.js engineer on personnel management hub of enterprise software for school management
- Earned SENSE Social Entrepreneurial Fellowship through Stanford to pursue summer work for nonprofits

Content Delivery, CMS & CRM Experience

Contributor Relations & Online Content Manager, Seven Seas Music - remote March 2020 - April 2021

- Maintain Node.js web architecture of international music licensing company, 10,000+ songs & worldwide artists

Music Mentorship Events Coordinator & Moderator, Real Industry - San Francisco, CA June 2020 - July 2020

- Designed, organized, hosted weekly community mentorship sessions between students and music industry professionals

Public Relations Intern, TriplePoint - Video Games PR Agency - San Francisco, CA March 2020 - June 2020

- Compose engagement research, briefings, publicity material; structure influencer campaigns for Pokémon, Blizzard