BRETT CORNICK
Technical Product Manager

A self-driven team leader with a strong technical skill set and a passion for advancing decentralized and sustainable systems. An entrepreneurial mindset with leadership experience at remote-first start-ups and consulting experience for multiple Fortune-500 companies.

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Professional Experience

Founder | Impact Finance
May 2022 - Current | Full Time
- Designed a platform that uses generative art to fund science
- Built NFT minting app on the Celo blockchain using NextJS
- Created all company branding and digital assets using Figma
- Consulted early-stage start-ups on web3 implementations
- Won accelerator innovation award and grants prizes worth $45k

Project Manager | Citrine Informatics
Feb 2022 - June 2022 | Full Time
- Managed customer integrations of Citrine's AI/ ML tools
- Co-created a new autonomous client engagement framework
- Led technical platform demos for Fortune-500 customers

Head of Product | Epic Materials / Nanoarmor
June 2016 - March 2019 & March 2020 - Feb 2022 | Full Time
- Led scale-up design of a $1.2MM plasma-based synthesis reactor
- Built frontend of Python-based computer vision tool using React
- Led offshore team for backend tool development using Agile PM
- Authored multiple successful SBIR proposals for project funding

Cybersecurity Consultant | Accenture
March 2019 - March 2020 | Full Time
- Evaluated IAM system architectures to identify vulnerabilities
- Delivered holistic redesign strategies to Fortune-100 clients
- Developed Python tools to automate attribute update processes

Graduate Intern | Lawrence Livermore National Lab
July 2017 - Oct 2018 | Part Time
- Conducted molecular dynamics simulations of lattice materials
- Ran simulations on the nation's most powerful supercomputers
- Created Python scripts and visualization tools for data analysis

Education

MS Computational Materials Science
University of California - Los Angeles (UCLA)
Sept 2017 - Dec 2018 | GPA: 3.9

BS Chemical Engineering - Nanotechnology
University of Southern California (USC)
Sept 2012 - May 2016 | GPA: 3.5

Skills

Javascript   HTML/CSS   React/NextJS
Typescript   Python   SQL   Solidity
Notion   MS Office   Figma   Discord

Agile Project Management   Fundraising
Technical Writing   Tokenomics Design
Technical Presentations   Wireframing

Certificates

NextJS Development
Udemy | 2022

Mastering Typescript
Udemy | 2022

Blockchain Technology Management
UCLA | 2021

Advanced CSS and Sass
Udemy | 2021

Machine Learning
Stanford/Coursera | 2020

Interests

Sustainability   Decentralized Science
DeFi/ReFi   Generative AI   MEV
Democratic Systems   Cryptography
Game Theory & Incentive Design

POAPs

ID3 Hackathon
Winner

Gitcoin DeSci Round
Grantee

Schelling Point
Speaker

HackFS 2022
Hacker

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