



CONTACT

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ACHIEVEMENTS

Research Engineer

- Designing and Building an Intent Based, Liquidity Management and Settlement Platform
- Author of multiple web3 DeFi white papers.
- Researched consensus, bridging, zkp and DeFi.

Building Great Technical Teams

- Lead team of 8 engineers at eco
- Grew harmony from 6 to 20 Engineers
- Managed 7 engineers at LOYYAL
- Founded a startup of 5

Successful Product Launches

- 5 blockchain launches and
- multiple ecosystem releases.

SKILLS

- Leadership
- Engineering Management
- Research
- Technical Strategy
- Ecosystem Design
- Product Design
- Blockchain, Rollups, Solidity
- Solidity, Rust, Golang, Typescript, grpc, devops

EDUCATION

2029 - 2030

UNIVERSITY OF QUEENSLAND

- Bachelor of Computer Science

JOHN WHITTON

Research Engineer, Leader, Founder, Ecosystem PROFILE

- Research/engineer, technical leader, and entrepreneur working at the intersection of blockchain infrastructure (Solving, Market Making, Arbitrage) and Decentralized protocols (Intents, Liquidity Management, Settlement).
- Track record of driving projects from conception to completion, identifying research gaps, and providing solutions.
- Proven leader of engineering teams with the ability to drive collaboration across the organization and the entire ecosystem.

WORK EXPERIENCE

Founder: johnwhitton.com

2018 - PRESENT

High Performance Solving and DeFi Research and Engineering

- jincubator.com: High Performance Solving Infrastructure Research
- Solver: Route evaluation (over 1000 routes per second) using live streaming data (built on Tycho) with its own liquidity mapping layer, profitability calculator, and execution engine.
- Solving Prototyping: UniswapX, 1inch, and CowSwap
- Defi: UniswapV4 Hooks, NoLiquidity Solving, IntentSwapHook
- Liquidity: ERC-6909 Resource Management built on the compact
- isolab.gg: Trustless Bridge Research using Zero Knowledge Proofs
- hiddenstate.xyz: 1.country implementation inspired by ENS and enhanced to integrate web2 DNS server and SMTP routing
- modulo: 1-wallet sms-wallet: non-custodial crypto and sms wallets
- kanga.finance: Dex implementation inspired by Sushi ([github](https://github.com)). Winner of \$30,000 in prizes from Harmony Hackathon.
- eave.network: Polkadot DeFi Parachain ([github](https://github.com)) inspired by Acala and launched on the Rococo Network.

Eco Inc.

08/2023 - 01/ 2025

Engineering Manager and Senior Protocol Engineer

- Lead a team of 8 Engineers up until August 2024
- Senior Protocol Engineer April 2024 to January 2025
- L3 Rollup design and implementation of the ECO Chain ([docs](#), [code](#))
- Developing Intent Protocol and cross-chain proving mechanisms
- Manage development of [bend.eco](#) - fast cheap stablecoin payments
- Lead the [Eco Association](#) - [Currency 1.5 upgrade](#)

Harmony: Layer 1 Blockchain

08/2019- 05/2020

Ecosystem Architect

- Hired and Mentored over 10 Engineers growing the team from 6 to 20
- Launched Mainnet ONE, Token Swap and Open Staking
- Owned Developer Tooling including API, SDK, HRC and IDEs
- Deployed Network Upgrades including over 50 rollouts of complete Harmony Protocol and Network
- Presented Internationally at Technical Conferences
- Responsible for Partner Success and Developer Advocacy

Loyyal - Decentralized Rewards Platform

07/2016 - 06/2018

Chief Technology Officer

- Hired and mentored a team of 7 engineers
- Launched LOYYAL program management suite on HYPERLEDGER

Enterprise Software and Consulting

1986 - 2016

Founder, Engineering Manager, Architect, Developer

- Managed over 100 initiatives and 50 staff at EFI
- Built EFI Business Integration Services an SOA platform
- Founded Global Enterprise Solutions a SAP technical consultancy