

Elliott Gregory Dehnbostel

Resume

"It's been about two years since I was laid-off from Meta, and in that time I've been taking on relevant contracting work that interests me. In 2025, now armed with a stronger understanding of where I want to take my career, I'm reaching out to select companies for a full-time role as-soon-as-possible. I'm grateful for this time I've had to discover what sustains me, and would love to share some of the stories and apply insights I've gained."

FULL-TIME ROLES

Meta: 2021-2022 (Layoff) (Remote)

Senior Software Engineer

Designed, delivered and validated at least \$2.5M in server capacity and wall-time savings. Added value to critical infrastructure with novel approaches, while ensuring service stability. Leveraged static analysis and code generation to surface new opportunities. Established detection & documentation necessary to prevent privacy-harming patterns from entering production, each of which would otherwise directly undermine current and future existential technical developments in privacy.

Circle Financial: 2020-2021 (Remote)

Software Development Engineer

Developed an automatic customer billing system as a replacement for the manual approach already in use. Worked with a wide variety of stakeholders such as Legal, Sales, Finance and Engineering. Achieved on-time production deployment by anticipating and designing for frequent changes to requirements, which provides the business with greater agility in growth-hacking endeavors.

Garmin: 2019-2020 (Kansas)

Software Development Engineer

Developed both a distributed API serving millions of smart watch users per day and its associated customer support tool. Doubled test coverage by contributing a rule-driven arbitrary data initialization framework, which reduced flakiness and maximized passive fuzz-testing. Contributed to onboarding and overall support of new engineers.

Quantum Resistant Ledger: 2017-2018 (Remote)

Investor Liaison & Junior Engineer

Achieved a peak project valuation of \$200M by communicating directly with investors on the development & overall value of a novel blockchain project leveraging quantum-resistant security. Contributed to system design, research, feature design, and security analysis.

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PRODUCTION EXPERIENCE

AREAS Distributed Web Services, Performance & Efficiency Optimization, Scripting/Automation, Static Analysis, Code Generation, Mobile/Web Products & Internal Tools, Blockchain Applications

TOOLS Version Control, AWS/GCP, Python, Rust, Java, PHP/Hack, Solidity, Dart, Memcached, SQL/NoSQL, GraphQL, JS/HTML/CSS, C++, C, ~~TeX~~

PERSONAL PROJECTS

2024 **Decentralized Limit Order Protocol**
Designed and prototyped an on-chain limit order book protocol with constant cost of execution and MEV resistance, to service the problem of trading real world securities on a public blockchain.

2022 **lodis (link)**
Tiny Rust-based HTTP server framework wrapper that delivers process resilience and continuous integration with local compute resources.

2021 **arbeit**
High-performance, distributed arbitrage bot built on Ethereum. Based on independent research and development.

2020 **/u/lit_word_bot (link)**
Reddit bot which finds and defines interesting and challenging words such as "Codger" and "Mahout." Top 2% bot by popularity!

EDUCATION

2014-2018
GPA: 3.6 **The Ohio State University**
COMP. SCI. & ENGINEERING
Artificial Intelligence Focus