

# HUU TAI LE

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## PROFESSIONAL SUMMARY

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Web3 developer specializing in Solana smart contract architecture and full-stack dApp engineering. Two years of hands-on experience designing secure, revenue-driven on-chain protocols spanning DeFi vaults, trustless escrow engines, stableswap AMMs, and Zero-Knowledge private transfer systems. Combines a quantitative finance foundation with production Rust/Anchor expertise to build infrastructure that solves real economic problems. Seeking Solana Smart Contract, Web3 Engineering, or Full-Stack Blockchain Developer roles.

## EDUCATION

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**Oregon State University — M.E. in Computer Science (Data Science)** In Progress

*Relevant Coursework: Distributed Systems, Applied Machine Learning, Algorithms & Data Structures*

**University of South Florida — B.S. in Hospitality Management, Minor in Finance** Aug 2022 – May 2026

## TECHNICAL SKILLS

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**Languages:** Rust, Solidity, TypeScript, JavaScript, Python, Bash

**Blockchain / Web3:** Solana (Anchor, Web3.js, SPL, PDAs, CPI), Solidity (Foundry, Ethers.js), Codama IDL Generation, ZK Private Transfer Systems, x402 Payment Protocol

**Frameworks & Libraries:** Anchor, Next.js 16, React 19, FastAPI, Tailwind CSS, @solana/react-hooks, Hugging Face

**Tools & Platforms:** Git/GitHub, Docker, AWS Lightsail, Cursor, Claude Code, Xcode, VMware, Hermes Agent

**Certifications:** Solidity Smart Contract Development, Chainlink Fundamentals, Foundry Fundamentals, Advanced Foundry, Blockchain Basics

## PROFESSIONAL EXPERIENCE

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**Luminar MC, LLC — Software Engineer (Contract) |** May 2026 – Present

*Cheyenne, WY (Remote)*

- Architected and shipped **HVACLens**, an iOS application enabling junior HVAC technicians to stream live POV video and audio from Meta Ray-Ban smart glasses to senior technicians' web dashboards; accelerating remote diagnostics and reducing the need for senior on-site escalations across distributed job sites.
- Engineered the **end-to-end real-time pipeline**: Meta Device Access Toolkit (DAT) SDK for Bluetooth video/audio capture, Python FastAPI WebSocket relay server delivering sub-second latency frame transmission, and a React-based supervisor dashboard rendered in-browser without native client dependencies.
- Configured production iOS capabilities and **App Transport Security** policies in Xcode to harden the network layer for field deployment, ensuring stable performance over variable jobsite connectivity and Bluetooth bandwidth constraints.

## PROJECTS

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**Sun God Lab — Live DeFi Lending Operations** 2025 – Present

*Solana • Jupiter Offerbook • \$USDC lending service*

- Operate an **active on-chain lending strategy** on Jupiter Offerbook, underwriting USDC loans collateralized by RWA or high-trust tokens, managing real capital through full origination, collateral monitoring, and settlement cycles.

- Apply quantitative analysis from a finance background to **evaluate collateral health, set competitive lending terms, and manage liquidation risk**, demonstrating practical fluency in Solana DeFi primitives beyond theoretical understanding.

#### **RWA Labubu Raffle - On-Chain Real-World Asset demo | 2025**

*Solana Devnet • Rust • Anchor • TypeScript • Next.js 16*

- Architected and deployed a **SOL vault program** on Solana Devnet using the Anchor framework, implementing secure Program Derived Address (PDA) patterns for user-isolated asset vaults with deposit and withdrawal operations.
- Built a Real-World Asset demo dApp integrating a **Next.js 16 / React 19 TypeScript frontend** with the on-chain program, using **Codama-generated type-safe clients** and `@solana/react-hooks` for seamless wallet authentication and contract interaction.
- Engineered the full vertical stack from Rust Anchor program to TypeScript SDK to Tailwind UI — leveraging automated **IDL-driven client generation** to eliminate manual API surface maintenance and accelerate iteration cycles.

#### **Hermes AI Agent — Local Autonomous Trading & Ops System | 2025 – Present**

*Python • Hugging Face • OKX Agentic Wallet SDK • Local Quantized Models*

- Orchestrated a **24/7 local AI system** running a fleet of agents on quantized open-weight models, automating repository maintenance, system updates, and recurring operational tasks via background daemons and scheduled pipelines.
- Integrated **OKX Agentic Wallet SDK** to programmatically execute non-custodial automated trading strategies across Solana market assets (\$SPACEX, \$BTC, \$SOL, \$NVDAX, \$SPYX), enabling autonomous market participation without third-party custody risk.
- Built a local **observability and exception-handling pipeline** tracking agent behavior, API token consumption, and runtime stability; ensuring continuous uptime through network timeouts and volatile market conditions.

### **TRAINING & CONTINUING EDUCATION**

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#### **Solana Developer Bootcamp 2026 — Solana Foundation | Spring 2026**

- Completed the official 2026 cohort of an intensive engineering program focused on **low-level Solana architecture, Rust compute-unit optimization, and advanced state management** via the Anchor framework.
- Built, tested, and deployed production-grade programs including **trustless escrow execution engines, stableswap AMMs leveraging PDAs for liquidity management, and Zero-Knowledge private transfer systems**.
- Implemented modern Web3 pipelines integrating the **x402 machine-to-machine payment protocol** and using Codama for automated, type-safe TypeScript SDK generation from on-chain IDLs.