

JONATHAN CHEN

Pingyujc@gmail.com | +1 805-220-0777 | [Website](#) | [LinkedIn](#) | [Github](#)

EDUCATION

University of California, Santa Barbara

Bachelor of Science in Computer Science

Honors: Glen Culler Scholarship, Dean's Honor

2020 - 2024

GPA: 3.6

EXPERIENCE

C3 AI via Paradyne

Software Engineer

August 2024 - Present

- Developed full-stack features for a web application managing distributed, cross-unit intel collection systems for the U.S. Army with capabilities of running in air-gapped on-prem and edge environments
- Built an intuitive, responsive React frontend with real-time updates via React Query and WebSockets, streamlining data visualization in a centralized dashboard, and improving communication and decision-making among stakeholders
- Designed and implemented secure RESTful API endpoints for importing/exporting sensitive, mission-critical data across environments deployed nation-wide in Python and Javascript, reducing processing time by 37%
- Led data processing efforts for the Joint Fires Network (JFN), designing scalable data models to support integration of multi-source datasets into the C3 AI platform
- Built efficient data pipelines using PostgreSQL and Cassandra to transform, ingest, and structure raw military intelligence data for downstream machine learning fusion processes

ClipsFast (Early-Stage Startup)

Founding Engineer

June 2025 - Present

- Built core backend and CLI tooling in Python for detecting highlight-worthy podcast segments using LLMs and open source CV models
- Extended the CLI and SDK to support integration with S3 for scalable deployment on AWS using fargate and lambda

Scale AI

Software Engineer

March 2024 - June 2024

- Developed automation evaluation tools leveraging Natural Language Processing (NLP) techniques and Python, enhancing model assessment efficiency for large-scale AI systems
- Optimized data processing pipelines, streamlining quality assurance workflows and accelerating issue resolution across AI-driven applications

[Continuum](#)

Co-Founder, Full Stack Developer

November 2023 - February 2024

- Developed ERC20 token using Solidity for a decentralized cryptocurrency index fund, simplifying crypto investments
- Automated off-chain operations with TypeScript, executing smart contract transactions across multiple EVM blockchains to manage a portfolio of 10+ digital assets
- Built an interactive, Web3-integrated platform using React and TypeScript, enabling seamless user transactions through Metamask and on-chain interactions

PROJECTS

trigo

Swift, Node JS

- Mobile peer-to-peer, cross-border purchasing platform that connects buyers in Taiwan with travelers abroad to make goods and products available at a more accessible price point
- Built an iOS MVP using SwiftUI and Firebase that features real-time product listings, a unified buyer-seller UI, secure transaction flows, and Firebase authentication for seamless and secure user management

SKILLS

Coding & Technical Skills

- Python, Java, C++, JavaScript, TypeScript, Solidity, Go, Rust, Swift
- Git, Firebase, React, React Native, AWS, Node JS, TensorFlow, PyTorch, SQL

Languages

- English, Mandarin Chinese

ACTIVITIES

[UCSB Blockchain Club](#)

Executive Board Member | Head of Research

- Led research for the club, collaborated with industry experts, including the former Chief Research Officer of ChainLink
- Delivered lectures on blockchain fundamentals and Solidity smart contract development to over 200 students

INTEREST

- Cryptocurrency/NFT Trading | Blockchain Protocol Research | Content Creation | Ecommerce | Startups