

# Christopher Liu

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Available Full-Time in Summer 2025/Fall 2025/Spring 2026, In-Person and Remote

## EDUCATION

Texas A&M University

Bachelor of Science in Computer Science

August 2022 - May 2025

GPA – 3.2

## TECHNICAL SKILLS

**Languages:** Python, Java, Rust, C/C++, TypeScript, JavaScript, R, HTML/CSS, SQL, Assembly, C#, Dart, Latex

**Technologies:** Linux/WSL/Unix, Docker, MongoDB, WebGL, React/React Native, Next.js, Vue, Junit, GitHub, Git, AWS, Jupyter, Jira, Azure, Figma, Notion, PowerBI, Google Cloud, Canva, Adobe, Unity, PyTorch, OpenCV, YOLOv5, SciKit-Learn, Pandas, Numpy, Matplotlib, Flask, Django, Tensorflow, GraphQL

**Coursework:** Financial Analysis, Statistics, Machine Learning, Data Structures and Algorithms, Data Science, Operating Systems, Cloud Computing, Cryptography, CFA training, Software Engineering, Relational Database, Linear Algebra

## PROFESSIONAL EXPERIENCE

OKX Ventures

April 2024 – Present

Software Engineer and Project Manager

Remote

- Organized the agile development of the Bitcoin marketplace Shimoto, driving the project to secure \$2M in seed funding
- Designed NFT collection that worth 1 million in market value and received \$25,000 revenue within 5 minutes of launch
- Developed and tested Bitcoin smart contracts that reduced inscription cost by 85% and boosted profit margin by 200%
- Streamlined multi-repo deployment process and managed 1000+ cloud assets using AWS App Runner and S3 Storage
- Implemented 15 full-stack compatible pages with cross-device integration using Figma, React, Express, and Node.js

DeFintek

June 2023 – December 2023

Software Engineer Intern and Business Analyst

Remote

- Managed crypto investment fund that yielded 75% return in 4 months with liquidity providing, lending, and technical analysis
- Developed Flutter mobile application to provide frictionless UX to 25+ on-chain hedge fund vaults totaling \$10M+ in TVL
- Eliminated 95% of deployment time by building a DevOps process integrated with 800,000+ Bitcoin block data
- Conducted over 100 hours of research on Web3 protocols, decentralized finance, NFTs, and investment strategies

NEWS Lab

June 2022 – April 2023

Software Engineer Intern

Remote

- Analyzed 500+ user behavior sessions using Hotjar event tracking and A/B testing, increased engagement time by 43%
- Created access control paradigm that secured 10000+ DB entries with SSL, OAuth, URL protection, and JWT tokens
- Deployed full-stack cloud application to a production public display, attracting 7500+ unique user interactions

iVicon

July 2020 – May 2021

Sales Engineer Intern

Houston, TX

- Constructed a lead management pipeline that generated \$1.6M in revenue using behavioral API-driven contact points
- Optimized SEO for company's website and improved Google search rankings by 50% and organic reach by 14%
- Integrated LLM responses into CRM ticketing system and ClickFunnels to support 2000+ clients worldwide

## PROJECTS

Interview Pro

November 2023 – August 2024

- Designed hackathon-winning AI interview UI out of 800 contestants using React, MongoDB, Unity, and Tailwind CSS
- Optimized neural network and computer vision models to analyze biometric information from 1000 students

Virtual Esports Coach

February 2023 – December 2023

- Led a team of 20 students to build predictive ML models on 10M+ match data using PyTorch, OpenCV, Keras, and YOLOv5
- Applied statistical methodologies (KNN, Decision Tree, Linear Regression) to improve game prediction accuracy by 24%

## EXTRACURRICULAR

Texas A&M Blockchain Club

August 2023 – Present

- Outreaching Chair* - Forged partnerships at American Blockchain Summit and Consensus 2024 as the club representative

IMC Trading

March 2023

- Algorithm Contest Finalist (Top 5%)* – Simulated investment strategies using MACD, RSI, Liquidation, and Volume indicators