

CHRISTIAN TEO

605 W Madison St, Chicago, Illinois 60661

📞 716-612-0587

✉️ christianteohx@gmail.com

🌐 [linkedin.com/in/christianteohx](https://www.linkedin.com/in/christianteohx)

🔗 github.com/christianteohx



christianteohx.vercel.app

Education

University of Illinois Urbana-Champaign

Master of Computer Science (MCS), Relevant Coursework: Machine Learning, Generative AI

Expected Dec 2026

Chicago, Illinois

University at Buffalo

Bachelor's in Computer Science, GPA: 3.67, 2x Dean's List

Aug 2020 – June 2024

Buffalo, New York

Skills

Programming: JavaScript, C/C++, Python (Pandas, NumPy, Matplotlib), SQL (MySQL, Postgres), R, MQL5

Backend/Web: React, ASP.NET/C#, Node.js, HTML/CSS, Bootstrap

Cloud/DevOps: AWS (S3, Elastic Beanstalk, DynamoDB, Cognito, CloudFront), Azure (App Service), Linux, Git, CI/CD

Data: Data Cleaning, Feature Engineering, Visualization, Automated Reporting

Spoken Languages: English, Mandarin, Malay

Experience

Cytocybernetics qNet SPS 2025 Poster

Aug 2024 – Apr 2025

Full Stack Software Engineer

Buffalo, NY

- Resolved 10+ qNet issues in 4 weeks, boosting electrophysiology analytics reliability by 20% using C++ and Python (Pandas, NumPy).
- Enabled FDA-adjacent Sophion Bioscience compatibility with 100% traceability for 50+ researchers, securing \$2M in funding.
- Optimized qNet workflows with R and Matplotlib, reducing visualization latency by 30% and enhancing data reporting.

Easoon USA

Nov 2024 – Apr 2025

Programmer

Atlanta, GA

- Integrated SAP invoices to X12 EDI for LBMX marketplace with 3,000+ partners using ASP.NET/C#, boosting sales by 47%.
- Optimized Node.js APIs and Bootstrap UI, reducing ASP.NET app latency by 25% and DB load by 15% for 10,000+ users.
- Achieved 99.99% uptime via Azure (App Service) deployment with Git CI/CD on Linux.

University of Illinois Urbana-Champaign – Grainger College of Engineering Chicago

Feb 2026 – Present

AV Student Consultant

Chicago, IL

- Manage classroom AV technology and proctor CBTF exams for the College of Engineering, supporting 500+ students per semester.
- Built event scraper, recruiter scraper, and resume ATS screening tool using Python, cutting recruiter follow-up time by 40% and automating applicant screening for 100+ weekly candidates.

Cytocybernetics

June 2023 – Aug 2023

Software Engineer Intern

Buffalo, NY

- Boosted qNet accuracy to 98% and cut processing time by 30% using C++ threading and feature engineering.
- Improved Torsade Metric Score reliability by 5% with C++ ramp-pulse analysis for cardiac safety research.

Projects

MT5 Expert Advisor | MQL5, C++

Aug 2024

- Developed an AI-inspired trading bot in MQL5 and C++, using bootstrapping for parameter optimization, achieving 15% higher backtesting returns.
- Optimized execution on MT5 Cloud, reducing latency by 25% and handling 1,000+ daily trades with broker data.

Calorie Tracker | AWS (Elastic Beanstalk, S3, CloudFront, Cognito, DynamoDB), PHP, SQL (MySQL), React

July 2023

- Built a scalable nutrition app with USDA integration using React and AWS (DynamoDB, Cognito), achieving 99.9% uptime for 1,000+ users.
- Optimized PHP and SQL (MySQL) data cleaning, cutting API quota usage by 50% and latency by 20%.

Hackathon Voting App | Next.js 14, Supabase, Vertex AI (gemini-1.5-flash)

Mar 2026

- Built real-time voting app for Google Deepmind Hackathon with Supabase auth, supporting 50+ concurrent users.
- Leveraged Vertex AI (gemini-1.5-flash) for AI-powered vote summarization, reducing organizers' manual tallying by 80%.

Personal Portfolio | Next.js, React, Tailwind CSS, Vercel, CI/CD

July 2024

- Developed a responsive portfolio with Next.js, and Tailwind CSS, attracting 50+ visitors in 3 months via Vercel's Git CI/CD pipeline.
- Built modular React components with JavaScript, improving load time by 30% for enhanced user experience.

Leadership

UB Hacking

Aug 2021 – Dec 2021

Graphics Team Lead

Buffalo, NY

- Designed graphics that increased hackathon sign-ups by 10%, reaching 300+ participants.

UB Chinese Basketball Team

Aug 2023 – June 2024

Co-Captain

Buffalo, NY

- Led team to a 10-4 tournament record, improving from 3-11, by optimizing training schedules.