

Ronald Lin

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EDUCATION

University of Notre Dame

Bachelor of Arts in Computer Science, Double Major in Economics

Notre Dame, IN

Aug. 2023 – May 2027

EXPERIENCE

Founding Software Engineer

Athena (Acquired for \$X Million)

May 2024 – Dec. 2025

Mountain View, CA

- Developed a data pipeline using Python and OpenAI's API that **reduced essay transcription time by 10x**
- Shipped an email verification feature using Django and React which **reduced new account fraud by 5x**
- Built knowledge bases and used retrieval augmented generation (RAG) to support 10 unique models
- Led new social media content strategy which garnered 200k+ views and increased daily active users by 50%
- Led all consumer app operations up until acquisition; managed a team of 8

Technology and Data Solutions Intern

PricewaterhouseCoopers (PwC)

June 2025 – Aug. 2025

San Jose, CA

- Led a pro-bono project for a career-readiness client serving 7M+ users and 190k+ professionals
- Developed personalization algorithm to address client's key issue; projected **40% increase in user retention**
- Devised AI solutions for a client, defined success metrics and measurement frameworks; modeled adoption scenarios with Python Monte Carlo simulation, estimating **2x revenue/employee**

Product Management Extern

Amazon

Jan. 2024 – April 2024

Boston, MA

- Conducted user surveys and A/B tests to uncover key pain points and identify feature opportunities
- Prototyped an enhancement for Echo Show to improve daily engagement, presented to Amazon leadership

PROJECTS

Log15 | *Tauri, Rust, React, TypeScript, SQLite, Recharts*

Jan. 2026 – Present

- Building a desktop productivity tracking app that prompts users every 15 minutes to log what they're working on
- Full-stack app with a Rust (Tauri) backend, a React + TypeScript frontend, SQLite for local data persistence, and Recharts for interactive visualizations

OAPacks

Aug. 2023 – Present

- Bootstrapping a sports nutrition startup; generated first \$625 in 3 days through 50 door-to-door sales attempts
- Advanced in Notre Dame's McCloskey Startup Competition, only freshman-led team among 180 startups to do so

OAREcs | *Next.js, TypeScript, FastAPI, Python, PyTorch, Chroma*

May 2025 – Aug. 2025

- Built a recommendation engine that creates personalized nutrition packs for OAPacks customers based on biometric data and taste preferences
- Developed full-stack web app with a FastAPI backend and a Next.js + TypeScript + Tailwind frontend, integrating PyTorch models and Chroma for vector similarity search. Live at: <https://oa-recs.vercel.app>

SQL Chat | *TypeScript, Tailwind, PostgreSQL, Git, Docker*

Feb. 2025 – May 2025

- Optimized an AI-powered open-source database tool for a professional networking company, cutting query latency in half
- Deployed production-ready instance in Docker on a company virtual machine. Check it out at: <https://sqlchat.ai>

TECHNICAL SKILLS

Languages: Python, Java, C/C++, SQL (PostgreSQL, SQLite), TypeScript, JavaScript, HTML/CSS, Swift, Rust

Frameworks: Next.js/Node.js, Tailwind, React Native, SwiftUI, Flask, Django, FastAPI, Tauri

Developer Tools: Git, Docker, Chroma, Poetry, OpenAI API, Vercel, Render, Cursor, VS Code

Libraries: React, pandas, NumPy, Matplotlib, PyTorch, SQLAlchemy

LEADERSHIP AND HONORS

- 4-Year Student Body President at Longmeadow HS (raised \$20,000+ in class funds)
- Team Captain of Oakwood Soccer MLS Next (top 0.1% of youth soccer players)
- Massachusetts All-State Band Trumpet Player