

Christian Srbinov

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Education

University of Iowa

B.S. Computer Science & Electrical Engineering

Expected May 2027

Iowa City, IA

Technical Skills

Languages Python, TypeScript, Java, C++, C#, Ruby
Frameworks React, React Native, Node.js, Expo, Express, Flask, Ruby on Rails
AI / Data OpenAI API, Anthropic API, Pandas, NumPy, Scikit-Learn
Tools PostgreSQL, Supabase, Git, Linux, OAuth, REST APIs, CMake

Experience

Compass Mortgage

Junior Developer Intern

May 2026 – Aug 2026

- Developed internal software pipelines supporting mortgage operations and engineering workflows.
- Migrated legacy SDK integrations to modern API-based services using C#.
- Built internal tooling and automation to streamline development and operational processes.

Allbound Carrier

Data Science Intern

May 2025 – Aug 2025

- Built Python data pipelines for large-scale transportation datasets using Pandas and SQL.
- Automated recurring reporting and data-processing workflows, reducing manual analytics work.
- Collaborated with engineering teams to improve internal analytics and data workflows.

RIVL

Startup Engineer

Jul 2026 – Present

- Developing an AI-powered e-commerce platform focused on personalized brands, business growth, and intelligent customer experiences.
- Contributing to product and engineering efforts through the pre-revenue stage, with a waitlist exceeding 2,000 users.

Projects

peachOS: macOS Tahoe Experience on Linux

peachos.org

- Built a full Ubuntu-based distro delivering the closest macOS Tahoe experience on Linux, with a dock, menu bar, Control Center, Spotlight, lock screen, and System Settings that look and behave like Tahoe.
- Rebuilt Tahoe's liquid-glass desktop from scratch on GNOME: a frosted dock, translucent Control Center, live wallpapers, and a screen-recording indicator that appears the moment capture starts.
- Made it boot like a real Mac: a fresh install looks like Tahoe before a single setting is changed, while the machine underneath is still Ubuntu.

Plurivate: Prediction Market Paper Trading Platform

- Built a paper-trading platform for Polymarket prediction markets with realistic market simulation.
- Engineered millisecond-resolution market data ingestion across highly liquid prediction markets.
- Simulated realistic order execution including slippage, fees, liquidity constraints, and partial fills.
- Developing cross-market arbitrage infrastructure between Polymarket and Kalshi.

SuperChartAI: AI Trading Analysis

- Built an AI-powered Chrome extension that automatically captures and analyzes TradingView charts.
- Integrated LLM-powered trade analysis using multi-timeframe chart screenshots and automated workflows.
- Designed production backend services supporting subscription-based access and AI inference.

Novra: AI Fitness Platform

- Built an AI-powered fitness application using React Native and Supabase.
- Implemented AI meal planning, workout generation, barcode scanning, and nutrition tracking.

Open Source & Systems

OpenMur

- Created an open-source Linux-native speech workflow project inspired by WhisperFlow.
- Designed desktop-focused tooling for fast speech-to-text interaction and Linux workflows.

BlueBubbles

- Contributed UI improvements to the open-source BlueBubbles project, improving the desktop iMessage experience on Linux and Windows.