

Nicholas Wu

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EDUCATION

Purdue University, College of Science

West Lafayette, IN

Bachelor of Science in Computer Science; Certificate in Entrepreneurship and Innovation

May 2028

- GPA: 3.58/4.0
- Data Structures & Algorithms, Operating Systems, Computer Architecture, Systems Programming, Object-Oriented Programming, Human-Computer Interaction, Fundamentals of Computer Graphics

EXPERIENCE

Software Engineering Intern

May 2026 – Aug 2026

SEP

Westfield, IN

- Contributed to a modern web platform for a Fortune 500 pharmaceutical client, managing hundreds of millions of shipments through U.S. Foreign Trade Zones in partnership with U.S. Customs and Border Protection.
- Unblocked automated testing of two third-party integrations by building NestJS endpoints that mocked OAuth authentication and a proxy service simulating repeated failures before passthrough to the live service.
- Streamlined customs-filing data entry by 30% restructuring the React form wizard's input flow with custom searchable dropdown components, using Claude Code to learn the codebase and catch review issues.

Software Engineer

Jan 2026 – May 2026

Only Local Tickets

Remote

- Built a pricing platform surfacing live market data via an embeddable React widget across every World Cup match page, giving fans pricing transparency during volatile demand, using Cursor to build tests and ship efficiently.
- Delivered hourly price tracking across World Cup games by building a data pipeline with Supabase that ingests Only Local Tickets' listings from the Ticket Evolution API and aggregates into time-series data.
- Scaled event coverage to 2,000+ live events by deploying an internal admin tool for business users to add events.

Data Engineering Intern

May 2025 – Aug 2025

Corteva Agriscience (via Insight Global)

Indianapolis, IN

- Accelerated reporting across global seed and biologicals operations by reducing monthly ticket-analytics reporting prep by 50% by implementing Power Automate workflow on the ServiceNow API.
- Automated detection of missing volume-planning inputs by integrating three SAP tables (100K+ records) into a relational database powering a live Power BI dashboard.

PROJECTS

WuXDesign Portfolio | *Three.js, HTML/CSS/JS, Vite*

May 2026 – Aug 2026

- Built a personal portfolio site featuring an interactive 3D MacBook model with stickers mapped to navigation, using a lightweight vanilla JS/Vite stack to keep the experience fast and intuitive.

Price Is Right | *Ray-Ban Meta Glasses, SwiftUI, Gemini Vision*

StarkHacks Purdue, Apr 2026

- Engineered a voice-activated secondhand item valuation assistant for Meta Ray-Ban glasses, using AI vision to identify items and surface fair pricing across eBay and other secondary markets in the user's ear.

TREC Team Queue | *React (TypeScript), Tailwind CSS, Supabase*

Aug 2024 – Dec 2024

- Created a full-stack team rotation platform for Purdue's TREC indoor soccer with a dual-interface (iPad control + synced TV display) to reduce disputes and improve rotation efficiency.

LEADERSHIP

Purdue LaunchPad Co-President

- Led Purdue's largest CS/DS/AI mentorship program (90+ students), pairing first-semester freshmen with upperclassmen to ship their first technical project and build relationships that shape their next four years.

Greek InterVarsity Chapter Ministry Leader, Old Masters Host, Purdue Orientation Team Lead

SKILLS

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

Frameworks & Libraries: React, React Native, Node.js, NestJS, Recharts, Three.js, TypeORM

Developer Tools: Git, GitHub, Firebase, Supabase, Cursor, Claude Code, GitHub Copilot, Jira, IntelliJ, VS Code