

# Ayo Ogunade

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## EDUCATION

<b>B.S in Computer Science</b> The University of Saskatchewan	<b>Expected 2027</b> Saskatoon, SK
<b>Notable Classes:</b> Intermediate Data Structures & Algorithms; Computer Organization & Architecture; Web Development; Software Engineering	

## WORK EXPERIENCE

<b>Software Engineering Intern</b> GRANTED	<b>June – August 2025</b> Saskatoon, SK
<ul style="list-style-type: none"><li>Built production-ready AI-integrated blogging platform by developing full-stack Next.js/React application with PostgreSQL, Prisma ORM, and modern JavaScript (ES6+)</li><li>Reduced editorial workflow time by 40% by designing intuitive UI/UX with reusable component architecture and streamlined admin interface</li><li>Decreased failed user verifications by 30% by implementing robust authentication system with NextAuth/Prisma and persistent session management</li><li>Collaborated with cross-functional teams using Agile methodologies, Docker containerization, and Git version control</li></ul>	
<b>Database Project Coordinator</b> The University of Oklahoma	<b>September 2023 – May 2024</b> Norman, Oklahoma, USA
<ul style="list-style-type: none"><li>Optimized engagement for 5,000+ volunteers across 200+ jobsites by implementing online registration database using Excel, MySQL, and Google Looker Studio</li><li>Reduced registration processing time by 25% by streamlining volunteer participation tracking and automated data</li></ul>	

## PROJECTS

<b>CalenDue - 1st Place Winner, CoHack 2025</b>   Next.js, TypeScript, Claude Sonnet 4, LangChain, Tailwind CSS
<ul style="list-style-type: none"><li>Won 1st place at 27-hour hackathon by building AI-powered academic calendar platform that transforms syllabus documents into integrated calendars in under 30 seconds</li><li>Developed sophisticated AI parsing pipeline using Claude API with advanced prompt engineering (0.05 temperature) and three-tier error recovery system, achieving 95% parsing success rate</li><li>Built custom RAG chatbot enabling natural language queries on syllabus content, showcasing AI integration expertise</li><li>Designed responsive, accessible UI with intuitive design principles achieving zero-onboarding user experience</li></ul>
<b>ResumA.I</b>   Next.js, Tailwind CSS, MongoDB, Google Gemini
<ul style="list-style-type: none"><li>Built AI-powered resume optimization platform integrating Google Gemini LLM with custom prompt engineering for intelligent content suggestions</li><li>Reduced users' manual editing time by 65% through modern React-based UI with component-driven design</li><li>Improved API performance by 40% (1.2s to 700ms) through JavaScript optimization and caching strategies</li></ul>
<b>AyoZon</b>   Next.js, Tailwind CSS, Python, Flask, MongoDB
<ul style="list-style-type: none"><li>Built full-stack e-commerce platform serving 1,000+ users with React frontend and Python/Flask microservices backend</li><li>Designed RESTful API endpoints with comprehensive CRUD operations and SQL/NoSQL database integration</li></ul>

## TECHNICAL SKILLS

<b>Languages</b>   Python, JavaScript/TypeScript, Java, SQL, HTML, CSS, C/C++
<b>Frameworks</b>   React, Next.js, Flask, Express.js, TailwindCSS
<b>AI/ML Tools</b>   Claude API, Google Gemini, LangChain, RAG (Retrieval Augmented Generation), Prompt Engineering
<b>Databases &amp; Tools</b>   PostgreSQL, MongoDB, MySQL, Docker, Git, RESTful APIs