

Dipson Bir Kunwar

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EDUCATION

Southeastern Louisiana University

Hammond, LA

Bachelor of Science in Computer Science, Concentration in Data Science | GPA: 3.9

Expected May 2029

- Coursework: Data Structures, Algorithms, CS Fundamentals, Data Analysis | Honors Program and Honors Society; working toward Honors Sophomore Distinction

EXPERIENCE

First Desk Assistant

Aug. 2025 – Present

Innovation Lab, Southeastern Louisiana University

Hammond, LA

- Primary contact for 100+ daily visitors, providing technical support and equipment assistance with 95%+ satisfaction
- Manage the checkout/inventory system (50+ transactions weekly) and troubleshoot student workstation issues

AI Systems Integrator Intern

June 2026 – August 2026

Sports Media Inc.

Remote

- Supported integration of AI-driven tools into marketing and media workflows for a national sports marketing agency
- Researched and evaluated AI APIs and documented findings for a distributed team

PROJECTS

SolPOS – Blockchain POS Terminal | *JavaScript, Next.js, Solana, USDC*

solpos.vercel.app

- Built a full-stack POS terminal on Solana enabling USDC payments at \$0.00025/transaction, a 1,300x fee reduction versus Stripe
- Implemented QR-code Solana Pay checkout and a merchant dashboard with real-time revenue tracking and AI-assisted product pricing lookup

Dual-Style AI Image Generator | *Python, PyTorch, Stable Diffusion, LoRA, Gradio*

huggingface.co/dipson-bir

- Trained anime and photorealistic LoRA adapters on Stable Diffusion 1.5 via DreamBooth, hosted on Hugging Face
- Built a Gradio style-switcher UI with adapter selection and strength/inference controls; diagnosed and documented a recurring torchao dependency fix

Fortune 500 Nonprofit Partnership Platform | *JavaScript, Node.js, Express, PostgreSQL, Supabase*

- Engineered backend infrastructure matching nonprofits with Fortune 500 partners using Node.js/Express and Supabase/PostgreSQL
- Resolved database connectivity failures and remediated a SQL injection vulnerability found during a security-focused code review

LEADERSHIP & ACTIVITIES

Google Developer Group (GDG) Southeastern | *Active Member*

Aug. 2025 – Present

- Collaborate with 50+ student developers on Google-technology projects; attend weekly workshops, hackathons, and code reviews

Cybersecurity Club | *Active Member*

Aug. 2025 – Present

- Participate in weekly training on network security, ethical hacking, and threat analysis

Association for Computing Machinery (ACM) | *Active Member*

2026 – Present

- Engage in networking events, technical talks, and collaborative projects with computing peers

TECHNICAL SKILLS & AWARDS

Languages: Python, Java, JavaScript, HTML, CSS, SQL

Tools & Technologies: Git, GitHub, Linux, Data Analysis, Microsoft Office Suite

Concepts: Data Structures, Algorithms, Object-Oriented Programming, Data Visualization, Technical Support

Awards: AI Project Inter-School Competition Winner – Provincial Government of Nepal (2023)

Languages Spoken: English (Fluent), Nepali (Native), Hindi (Conversational)