JEEVAN BHATTA

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EDUCATION

Availability: 1st May - 31st August 2025

MINERVA UNIVERSITY, *San Francisco*| GPA: 3.88/4.0 ***Expected Graduation: May 2026***

Bachelor of Science in ***Computer Science***

Relevant Coursework: Data Structures, Software Development, Machine Learning, Modeling Complex Systems

SKILLS

Programming Languages: Python, JavaScript, Java, Prolog
Frameworks and Tools: Flask, React, Node.js, Docker, Git, Agile, Linux, Figma
Data/ML: NumPy, Pandas, SciPy, scikit-learn, TensorFlow, Qiskit
Databases: SQL, PostgreSQL

WORK EXPERIENCE

Quantum SWE Intern, *Universidad Abierta Interamericana, Argentina* ***October 2024 – Present***

- Collaborating with a multidisciplinary team to implement Quantum Machine Learning models in Qiskit
- Developing and optimizing quantum circuits on IBM Quantum systems, aiming to enhance algorithm efficiency by up to 30% through hybrid quantum-classical models in Finance and Cybersecurity applications

Project Management Intern, *NAIC, Kansas City* ***May 2024 – August 2024***

- Led data cleaning for 100,000+ issues, unified 20+ workflows, and designed custom dashboards using SQL and Jira
- Supported training 700+ employees across 3 locations, standardizing Agile practices, and gained SAFe Certification
- Built an automated intake model for 50+ projects, reducing approval time by an average of 3 days (21%)

Software Engineer Intern, *Expatrio, Berlin, Germany* ***January 2024 – April 2024***

- Led a cross-functional team of 5 to develop a course and university recommendation algorithm, integrating 20+ parameters from a web-scraped database using Llama API, vector embeddings, and RAG models
- Devised an interactive chatbot to streamline user data collection, dynamically prompting questions to complete a comprehensive recommendation framework

PROJECTS

MediaMind ***February 2025***

- Developed an multimodal AI agent that analyzes 100s of Youtube video and matches with your existing theme then uses generative model to recommend future videos - providing thumbnails and script
- Engineered a full-stack web app using FastAPI for the backend and React.js for a intuitive frontend

EduAccess ***January 2025***

- Developed EduAccess with 3 core conversion modules (text-to-audio, video-to-audio, and text-to-Braille) using Azure Cognitive Services, enhancing educational accessibility for blind and visually impaired users
- Created a full-stack app with a Flask backend and an accessible React frontend enhanced for screen readers

Student Knowledge Marketplace | Product Manager ***December 2024***

- Led a team of 5 to design a web-based platform addressing financial literacy gaps for college students
- Crafted 1,000+ lines of backend code using Flask and PostgreSQL to manage user authentication and database operations, and reviewed 2,000+ lines of frontend code to ensure quality and backend integration
- Integrated a token system to incentivize contributions, increasing user participation by 20%

3D Mindmap Application ***December 2023***

- Built an interactive 3D Mind Map using React Three Fiber and Three.js to build and manipulate intricate relationship graphs with over 20,000+ nodes processed efficiently
- Optimized for features including customizable nodes, descriptive edge creations, and intuitive 3D navigation

Chess AI (Python, Heuristics, Game Theory, Data Structures, Algorithm Design) ***April 2024***

- Designed and implemented Chess AI with four difficulty levels, including a "Pro" can win games in **10 moves**
- Optimized performance using Minimax and Alpha-Beta pruning, enhanced move selection efficiency by **60%**

Honors & Activities

- **Founder and Lead**, Minerva Sports Club – Organized 45+ events with 1000+ total participants
- **Recipient**, NAIC Foundation Scholarship – Awarded $5,000 for outstanding performance during summer internship