Krish Shah

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EDUCATION

University of Connecticut Storrs, CT
B.S.E. in Computer Science and Engineering *May 2026*
Concentration in Computational Data Analytics
Minor in Mathematics
GPA 4.00/4.00
University Honors Laureate, Babbidge Scholar
Coursework: Big Data Analytics (M.S.), Algorithms, Data Structures and Object-Oriented Design, Cybersecurity Lab, Systems Programming, Statistical Methods, Discrete Mathematics (TA)

SKILLS

Computer Languages: Python, C, C++, JavaScript, HTML/CSS, Java, SQL, Assembly (RISC V-32)
Libraries & Frameworks: React.js, Node.js, TensorFlow, Keras, PyTorch, Pandas, Scikit-learn, Flask
Tools: Git/GitHub/Bitbucket, AWS, Jira, Visual Studio, VS Code, Microsoft Excel, Google Sheets

EXPERIENCE

Software Engineer Intern June 2024 - Present
Berkley Small Business Solutions *West Hartford, CT*
- Creating a desktop application with Python and PyQt that enables agents to transfer insurance policy information across states efficiently, reducing business expansion delays by 80%
- Contributed to team collaboration using Agile methodology, Git, Bitbucket, and Jira

Analyst March 2024 - Present
Hillside Ventures *Storrs, CT*
- Conducting financial analysis and market research on Pre-Seed to Series A startups for UConn's million-dollar student-run venture capital fund

Technical Support Specialist January 2024 - May 2024
UConn Information Technology Services *Storrs, CT*
- Efficiently utilized Jira to resolve technical support tickets, improving client satisfaction

Artificial Intelligence Research Assistant April 2023 - May 2024
El Gato Laboratory *Storrs, CT*
- Leveraged deep learning models and feature engineering to predict motion-to-strike outcomes in tort and vehicular cases

PROJECTS

MMAI | https://mmai.infoql.com/ | *TensorFlow, Keras, Scikit-learn, Flask, JavaScript, HTML/CSS*
- Developed a full-stack machine learning web application by training a predictive model for MMA fight outcomes, achieving a 69% accuracy

Multithreaded Distance Vector Routing Protocol | *C, POSIX Threads, Networks*
- Implemented a multithreaded DVR simulation in C with pthreads, incorporating dynamic network topology changes for realism

Data Compression/Decompression Tool | *Python, Heapq, Radix Sort*
- Engineered a high-efficiency compression and decompression tool using advanced algorithms such as Huffman coding, Burrows-Wheeler Transform, and Move-to-Front coding

Personal Portfolio Website | https://krishah.infoql.com/ | *React.js, Node.js, JavaScript, HTML/CSS*