

Krish Shah

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EDUCATION

University of Connecticut, Storrs, CT (Expected Graduation May 2026)

Bachelor of Science in Engineering, Computer Science and Engineering

- 4.0/4.0 GPA | Dean's List | University Honors Laureate Candidate
- *Activities:* America Reads Tutor, FROST Combat Robotics, Engineers Without Borders

Relevant coursework: Algorithms and Complexity, Calculus I - III, Data Structures and Algorithms, Introduction to Discrete Systems, Physics for Engineers I and II, Principles of Digital Logic Design, Systems Programming

WORK EXPERIENCE

Dunkin', *Crew Member*, Milford CT (May 2023 - Present)

- Oversee inventory for wide-ranging product catalog using Excel
- Closely monitor cash handling and balancing registers to ensure proper cash flow distribution

PROJECTS

Artificial Intelligence Civil Law Project (April 2023 - Present)

- Generative AI research project headed by Professor Derek Aguiar to predict motion-to-strike outcomes in tort and vehicular cases
- Uses Scikit-Learn Python package for the implementation of a data classifier, a function that helps split data into training and test, and a function that evaluates the accuracy of the model
- Implements feature engineering (via bin counting) to reduce the dimensionality of civil court data

Portfolio Website (May 2023 - June 2023)

- Utilized React.js, HTML, CSS, and JavaScript to build an interactive showcase of professional accomplishments, projects, and skills
- Built the contacts page with a Node.js server to handle HTTP requests and used Axios to make API calls to interact with the data

Remote Work: Fad or Future— MathWorks Math Modeling Challenge (February 2022)

- Utilized the SARIMAX Python package to predict the growth rate of jobs in specific sectors of the economy with an Autoregressive Integrated Moving Average model
- Created and used various Excel spreadsheets to map employment data from the Federal Bureau of Labor Statistics over the past 20 years
- Used PANDAS Python package to read and write Excel files

SKILLS

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- *Computer Skills:* Microsoft Excel, Word, Powerpoint, and OneDrive, Google Drive, Sheets, Docs, and Slides
 - *Computer Languages:* Python, Java, C, C++, HTML, CSS, JavaScript
 - *Tools and Libraries:* Node.js, Numpy, React.js, Git, Unix, Pandas, Scikit-Learn, Axios
 - *Languages:* English (Fluent), Gujarati (Fluent), Spanish (AAPPL Seal of Biliteracy)
 - *Interests:* Stock Market Investing, Chess, Soccer, Karate (Black Belt), Taekwondo (Black Belt)