Namish Kaistha

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EDUCATION

Northwestern University　　　　　　　　　　　　　　　　　　　　　　　　Evanston, IL
Masters of Science in Computer Science — Bachelors of Arts in Economics　　　*December 2025*
- Relevant Coursework: Full Stack Engineering, Design and Analysis of Algorithms, Machine Learning, Software Quality Engineering, Data Structures/Algorithms, Scalable Software Architectures, HCI, Human-AI Interaction

EXPERIENCE

Software Engineering Intern　　　　　　　　　　　　　　　　　　　January 2025 – Present
C3 Lab　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Evanston, IL*
- Integrated the Zoom SDK into Elizabeth, a multimodal AI meeting assistant, enabling programmatic access to Zoom chat APIs for real-time message parsing and dispatch during live meetings
- Engineered a Python-based automation pipeline allowing Elizabeth to autonomously join Zoom sessions

Software Intern, Data Insights Practice　　　　　　　　　　　　June 2024 – August 2024
Ollion　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Chicago, IL*
- Refactored Ollion website chatbot using metadata-recursive RAG, enhancing retrieval speed and precision by 50%
- Modernized a legacy web application serving 1000+ users by streamlining backend data storage in C# and building an intuitive UI with Vue.js to support seamless member dues payments
- Leveraged OpenCV and Pytesseract to extract text from receipt images and track expenses

Software Engineering Intern　　　　　　　　　　　　　　　　　January 2023 – January 2024
Acorn Genetics (Pre-seed Stage 8 Person Startup)　　　　　　　　　　　　　*Chicago, IL*
- Optimized temperature cycles in a novel DNA sequencing device by engineering micro-controller code in C
- Improved efficiency of circuit board testing by 50% by developing a python script to mimic temperature regulation
- Forecasted future revenue and costs by modeling scenarios for ongoing minimum viable product development

Co-Founder, Podcast Co-Host　　　　　　　　　　　　　　　　　April 2020 – April 2024
Project Alchemy　　　　　　　　　　　　　　　　　　　　　　　　　　*Chicago, IL*
- Produced 200+ podcast episodes on self-development and entrepreneurship, growing monthly reach to 60K accounts by leveraging audience insights to drive brand strategy

PROJECTS

Mobile Health Clinic Optimization | *Project Manager, RAISO*　　　November 2024 – Present
- Led a team of 6 to develop an ML-powered application that optimized mobile health clinic routes in Illinois, targeting areas with unmet healthcare needs based on disease prevalence, birth rate, and care accessibility data
- Defined product vision and led user-centered development to address healthcare accessibility challenges

Stock Picker Application | *Python, Flask*　　　　　　　September 2024 – October 2024
- Developed a custom stock selection algorithm combining Value vs. Growth metrics with Turtle Trading strategy to generate actionable investment signals
- Enhanced decision-making by integrating AI-powered sentiment analysis using FinBERT and Goose3 to classify financial news and provide context for stock picks

Trip Planner　　　　　　　　　　　　　　　　　　　　　November 2023 - December 2023
- Constructed a trip planning API providing routing and searching services for a user within a city
- Utilized Dijksitras algorithm, Heap Sort, and a combination of graphs and dictionaries to answer 3 user queries

Music Analysis | *AWS Lambda Functions*　　　　　　　　　　　May 2024 - June 2024
- Developed a web application using the REST API framework to provide personalized music recommendations based on a user's location and weather, with an integrated feature to check if similar artists are currently on tour
- Designed the backend using AWS Lambda and a serverless architecture to ensure scalable performance and minimize infrastructure management

ADDITIONAL INFORMATION

Skills: Java, Kotlin, Python, C/C++, JavaScript, SQL, AWS, Vue.js, HTML, Flask, React, Django, GraphQL
Interests: Acapella, Astrophysics, Bollywood Dance, Chipotle Bowls, Comedy, Music Festivals, Flow State