

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: Intro to Networking, Operating Systems, Software Design Principles and Practices, Full Stack Engineering, Design and Analysis of Algorithms, Machine Learning, Software Quality Engineering

EXPERIENCE

Software Engineer Intern

June 2025 – Present

SAP Labs

Chicago, IL

- Accelerated patch debugging by 50% by developing an AI tool using Model Context Protocol to surface relevant past patches, link associated Jira tickets/code snippets, and recommend solutions to customer issues

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 Engineer 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

Catan | Project Manager, Developer

November 2024 – Present

- Developed a virtual Catan game using Test-Driven Development and boundary value analysis in a team of four
- Engineered a CI pipeline with GitHub Actions, SpotBugs, Checkstyle, JaCoCo, and PIT to ensure product quality
- Led weekly sprint planning via GitHub Projects to identify and execute goals and balance developer workloads

Shoutout | Next.js, Tailwind, Django, GraphQL, Apollo

March 2025 – April 2025

- Engineered a full stack newsfeed app supporting user registration, login/logout, and post creation/editing with session-based authentication and secure cookie handling
- Integrated Django GraphQL backend with Next.js using Apollo Client and cache updates for instant post refresh
- Applied atomic design pattern to build reusable UI components, improving frontend scalability

MediRoute | Project Manager, System Designer

April 2025 – June 2025

- Led a team of 6 in designing a system to optimize mobile clinic routes in Illinois using disease and accessibility data
- Architected a pipeline using K-Means clustering to identify high-need areas and Google OR-Tools to generate efficient travel routes balancing distance, capacity, and demand
- Conducted user interviews with healthcare workers and clinic staff to identify workflow pain points

Stock Picker | 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

ADDITIONAL INFORMATION

Skills: CI/CD, Java, Python, C/C++, JavaScript, AWS, Vue.js, Flask, React, Websockets, SAP BTP, Django, GraphQL

Interests: Acapella, Astrophysics, Bollywood Dance, Chipotle Bowls, Comedy, Music Festivals, Flow State