

Nalin Tiwary

✉ nalint2@illinois.edu | LinkedIn: [@NalinTiwary](#)

EDUCATION

University of Illinois-Urbana Champaign

Aug. 2021 – May. 2025

Bachelor of Science in Computer Science

Champaign, IL

- **GPA:** 4.0/4.0
- **Relevant Coursework:** Systems Programming, Algorithms and Models of Computation, Linear Algebra
- **Clubs:** Hack Illinois, ACM-ICPC, Disruption Lab, and Illini Chess

Experiences

Meta Platforms, Inc. (Facebook)

May 2022 – Aug 2022

Software Engineering Intern

Menlo Park, CA

- Worked on on the AI Metadata team to catalogue data relationships between ML models to optimize training
- Increased optimized recurring training coverage from **23%** to **81%**

University of Illinois-Urbana Champaign

Aug 2022 – Dec 2022

Enterprise Architect for CS 222

- Lead and contributed to **3** team projects
- One of the projects is an application which uses the **MERN** stack to display the grade disparities between various sections of a particular class. The beta has currently been released to **5000** students

PROJECTS

GitHub ([@NalinTiwary](#))

Facial Emotion Detection

- * Created a Deep Learning model to identify a person's mood based on their facial expressions
- * Used **TensorFlow** to train and implement **Convolutional Neural Networks**
- * Implemented image processing using **dlib** and **cv2** on live video obtained through the user's webcam

Currency Strength Evaluation

- * Used data processing and modeling techniques like **Ensemble trees**, **Principal Component Analysis**, **Multi-Variable linear regression** to create correlation constant between variance in a currency's value and the country's trade strength using **R**

Personal Website(NalinTiwary)

- * Used **HTML**, **CSS(Bootstrap)**, and **JavaScript** to create a website

COMPETITIONS

Codechef

Dec. 2019 – Present

Competitive Programming ([@nalin2409](#))

- * Reached **National Rank 69** in India in a pool of over 20,000
- * Reached a ELO rating of **1923** to be in the **top 2%** of all users on the website
- * **Highlights:** October Lunchtime 2020(Rank 64 out of 6000), March Long Challenge 2020(Rank 155 out of 14000).

Google KickStart

May 2020

Competitive Programming

- * **top 5%** out of 15,000 participants in Google KickStart Round C