Adhitya Thirumala

 https://github.com/adhi-thirumala linkedin.com/in/adhitya-thirumala adhit2@illinois.edu adhithirumala.com

EDUCATION

University of Illinois Urbana-Champaign — 2024-Present
Major: Computer Science + Linguistics — *GPA: 3.73/4.00*

Fox Chapel Area High School — 2020-2024

RELEVANT COURSEWORK

College: Introduction to Computer Scince I and II, Introduction to Higher Level Math, Elements of Semantics, Elements of Syntax, MATH 241 (Calculus III)

High School: Linear Algebra, Data Structures and Algorithms, AP Computer Science A (5), AP Physics C: Electricity and Magnetism (5), AP Calculus BC(5), AP Calculus AB(5), AP Physics C: Mechanics (4)

SKILLS

Languages: Python, Java, HTML, Bash, LaTeX, SQL, Go, C, C++, Lua, Javascript, Typescript, CSS, Rust

Tools: Git/GitHub, Github Actions, Vim, Huggingface, Linux, Maven, Gradle, SQlite, Docker, PostgreSQL, Vercel, AWS, Oracle Cloud

Libraries: pandas, NumPy, Matplotlib, Tensorflow, pyTorch, Sci-Kit Learn, Swing (Java), Spring (Java), Next.JS, React, Flask

EXPERIENCE

Treasurer | *Association for Computing Machinery at Illinois* — 2025 - Present
- Managed funds and financial records for largest student organization at Illinois
- Migrated accounting and financial platforms from BILL.com to Ramp to streamline reimbursements workflow and reporting
- Served as liaison between organization and CS department staff at Illinois to coordinate usage of department funds for ACM events and activities

matched.lol | *Java, PostgreSQL, Spring, Next.JS, React* — September 2024 - December 2024
- Developed full-stack League of Legends player matching application with RESTful API using Spring Boot and PostgreSQL
- Implemented OAuth2.0 authentication with Discord and Riot Games, hosted landing page at matched.lol

Clickbait Classification (arXiv) | *Python, Torch* — Oct 2022 - May 2023
- Developed NLP models to classify and spoil clickbait using LLMs and transformers, submitted to SemEval 2023
- Mentored by Dr. Elisa Ferracane

Extractive QA in Hindi and Tamil (arXiv) | *Python, Torch* — Oct 2021 - May 2022
- Built QA models improving performance by 20% over baseline in Hindi and Tamil using modified RoBERTa tokenizer
- Received Carnegie Science Award for research contributions in multilingual NLP
- Mentored by Dr. Elisa Ferracane

Private Debate Coaching | *Freelance* — 2024 - Present
- Conducted 4-6 hours of research weekly for national circuit debate competitors from Whitney M. Young Magnet High School, Gunn Senior High School, and Edison College Preparatory High School.
- Met to teach important debate skills and review past tournament performance twice a week
- Coached five teams to first-time elimation round finishes and championed round robin invitational tournament at the University of Michigan

ACTIVITIES

Clubs: Association for Computing Machinery, GNU/Linux User Group, Illini Speech and Debate, SIGNLL (ACM NLP Special Interest Group), SIG ICPC

MISCELLANEOUS

High School Clubs: Speech and Debate (President), Science Fair (President)

High School Awards: 2x State Championship Policy Debate, NMSQT Finalist, Broadcom MASTERS Top 300, Premier Distinction NSDA Honor Society, Presidential Volunteer Service Bronze Award, Presidential Volunteer Service Gold Award