# DIVYA VERMA

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## PROFESSIONAL SUMMARY

Emerging computer science undergraduate and presidential scholar at the University of Florida. Experienced in machine learning and software development with interests in natural language processing and artificial intelligence ethics.

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## EDUCATION                                                                                             August 2023 - May 2027

University of Florida, Gainesville, FL

*Bachelor of Science, Major in Computer Science, Minor in Business Administration, Artificial Intelligence Certificate*

**Related Coursework**: Database Structures and Algorithms, Computer Organization, People and Big Data, Enterprise Software Engineering (Languages: Python, C++, ARM)

**Involvement:** Diversity, Equity, and Inclusion Committee Member in the Pi Beta Phi Sorority. Member of Women in Computer Science and Engineering, Open Source, Girls Who Code, and Data Science & Informatics clubs.

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## PROJECTS

**Undergraduate Research** - University of Florida                                          January 2024 - Present
- Collaborates with professor and team on data analysis project using regression models
- Applies machine learning to determine most accurate model in predicting undergraduate internship success
- Implements Python tools such as scikit-learn, researchpy, and statsmodel.api

**Startup Involvement** - Parent Pulse                                                      July - September 2024
- Navigated credentials to scrape student data from various webpages, then consolidated for easier access/analysis
- Collaborated with founder and lead programmer on designing and implementing application architecture
- Used Python and beautifulsoup4

**Gator Locator** - WiNGHacks Hackathon                                                     April 2024
- Developed a web application to match UF students with peers that share common interests/preferences
- Worked on backend, graphical user interface, and connecting a database to application
- Utilized Java, Python, MongoDB, and tkinter

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## EXPERIENCE

**Full-Stack Software Dev. Intern**, *Motate*                                               May 2025 - Present
- Helped develop and integrate REST APIs for user login, database mitigation, and video upload functionality using AWS services
- Incorporated API use into mobile app development for seamless communication
- Designed and implemented user interfaces with Flutter and Dart, focusing on intuitive and responsive functionality

**Tutor**, *Tutor Doctor* - Sanford, FL                                                     March 2023 - August 2024
- Taught Mathematics, English, SAT, and ACT prep
- Instructed both individual and groups of students, grades 1 - 12

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## SKILLS

**Programming Languages:** Java, Javascript, Python, C++, Dart, ARM
**Certification:** 98-388: MTA: Introduction to Programming using Java
**Technical Skills:** MATLAB, scikit-learn, researchpy, statsmodel.api, beautifulsoup4, MongoDB, tkinter, Flutter, AWS
**Other:** Published Poet