Ethan Zhang

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EDUCATION

University of Maryland College Park   **Expected: May 2026**
Bachelor of Science, Computer Science   *College Park, MD*
- Cumulative GPA : 3.8/4.0
- Alpha Lambda Delta Honors Society
- Coursework: Intro to AI, Advanced Data Structures, Basics of Software Engineering, Object Oriented Programming, Linear Algebra, Computer Systems, Discrete Math, Data Structures and Algorithms

WORK EXPERIENCE

Lockheed Martin   **May 2024 - Present**
Tech Intern   *Bethesda, MD*
- Aided in the creation of documentation pertaining to application migration and analysis through the use of Tableau and Excel.
- Utilized JIRA and Confluence in an Agile environment to aid application migration and create the foundation for future projects.
- Participated in an AI/ML challenge where prompt engineering was utilized to improve and create new use cases for generative AI to create value for the company.

Allegis Group   **June 2023 - August 2023**
System Administrator Intern   *Catonsville, MD*
- Oversaw the synchronization and integrity of employee accounts in a workforce exceeding 19,000 individuals, while utilizing an extensive array of software tools such as Microsoft Active Directory, Forefront Identity Manager, and Oracle PeopleSoft.
- Collaborated with a dynamic team of approximately 20 professionals in an Agile environment to implement proactive measures aimed at enhancing organizational security and data protection by safeguarding employees against phishing attacks, scams, and unwanted spam.

Projects

Fortune 500 Stocks Database   **October 2023**
Python, SQL
- Utilized Python to extract data from Alpha Vantage and Financial Modeling Prep API to populate a MySQL database.
- Organized and structured data pertaining to stock prices, volume, PE ratio, and market capitalization using SQL.
- Employed Python web scraping techniques to acquire an up-to-date list of Fortune 500 companies from Wikipedia in order to ensure database's accuracy and completeness.

SKILLS

Programming Languages: Java, C, Python, Ocaml
Tools: UNIX, JUnit, MySQL, Java Spring/SpringBoot, Git, Github, JIRA, Confluence, Tableau