Akash Agarwal

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EDUCATION:

TEMPLE UNIVERSITY, Fox School of Business, Philadelphia, PA Bachelor of Business Administration, Graduation: May 2026 Dual Major: Management Information Systems (MIS) & Finance | GPA: N/A (First Semester) Honors: University Honors Program, Fox School of Business Honors Program Awards: Temple University Presidential Scholarship

ACTIVITIES AND AWARDS:

- Temple Finance Association
- Temple University Fox Fund
- Temple Association for Information Systems
- Temple Business Honors Student Association

SELECTED COURSEWORK:

- Honors Microeconomics
- Honors Statistical Business Analytics
- Honors Leadership and Organizational Management

EXPERIENCE:

NATIONAL CANCER INSTITUTE (NCI), Frederick, MD

Student Intern: Cancer Research, Bioinformatics, Database Analysis

- Worked with Dr. Nadya Tarasova at the Drug Discovery Facility to determine methods for expediting cancer-based virtual drug discovery
- Tested and employed several informatics tools to improve efficiency of compound analysis search known as virtual screening
- Ran search queries against billion compound databases to discover/analyze leads for further testing
- Lead tester of novel compound software implementation known as Molsoft RIDE, a breakthrough virtual screening tool for finding lead compounds
- Utilized compound analysis software and Linux based remote computers to run database processes (NIH Biowulf Supercomputer)
- Gathered, compiled, and analyzed lead compound data via Excel

CLINIC MAX INC, Germantown, MD

Data Analytics Intern: Database Management, Data Mining & Analysis

- Population Health Data Analytics:
 - Testing custom software utilized by regional healthcare firms in Maryland (doctor's offices, hospitals, etc.)
 - Universal electronic health record software to generalize and store patient data in local/cloud databases
 - Microsoft SQL Server and Excel queries, data loading, transformation, and reports
 - Generating queries to convert data into actionable information: measuring impact of patient 0 care coordination post hospital admission (regional hospitals throughout Maryland)

SKILLS & CERTIFICATES:

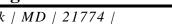
- Administrative: Microsoft Word, PowerPoint, Excel, Outlook, Teams, Google Suite
- Database Management: MySQL, Microsoft SQL Server
- Project Management: Monday.com, Trello
- Technical: Linux Operating Commands, Javascript (Limited), Python (Limited), HTML (Limited)

August 2022 - Present September 2022 - Present September 2022 - Present

August 2022 - Present

June 2021 – June 2022

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June 2020 – 2021, June 2022 - Present