

# 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 August 2022 - Present
- Temple University Fox Fund September 2022 - Present
- Temple Association for Information Systems September 2022 - Present
- Temple Business Honors Student Association August 2022 - Present

## SELECTED COURSEWORK:

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

## EXPERIENCE:

NATIONAL CANCER INSTITUTE (NCI), Frederick, MD

June 2021 – June 2022

**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

June 2020 – 2021, June 2022 - Present

**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 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)