

# Akhil Thata

Montville, NJ | U.S Citizen

asthatabusiness@gmail.com | github.com/athata1 | linkedin.com/in/akhil-thata/

## Education

**Purdue University** (Masters in Computer Science)  
GPA: 4.0

**West Lafayette, Indiana**  
January 2024 - December 2025

**Purdue University** (Bachelors in Computer Science)  
GPA: 3.90

**West Lafayette, Indiana**  
September 2021 - December 2024

**Relevant/Useful Coursework:** Software Development, IOS Development, Machine Learning, Compilers, Data Structures and Algorithms, Analysis of Algorithms, Systems Programming, and Linear Algebra

## Work Experience

### KPMG

**Montvale, New Jersey**

Software Developer Intern

June 2024 - August 2024

- Worked on **Data Ecosystem**, a tool which converts client documents to KPMG's data format
- Built endpoints to integrate **Azure's Document Intelligence** service with various tools, using .NET 8.0
- Reduced latency of HTTPS calls using **concurrent batch requests** and **retry policies**, resulting in a 53% reduction in overall response time and improved system performance
- Developed the frontend of the Document Intelligence application using **Angular** and **Material UI**, focusing on increasing interface responsiveness and functionality for custom usage

### AT&T

**Remote**

Computer Science Extern

July 2023 - August 2023

- Selected as one of over 100 students for AT&T's early technology program
- Familiarized myself with Agile methodology and their practices such as Scrum and Kanban.
- Gained practical insights into Machine Learning such as KNN, Decision Trees, and Logistic Regression

### Purdue University

**West Lafayette, Indiana**

Undergraduate Teaching Assistant

August 2022 - May 2023

- Coordinated with multiple teams to streamline course aid and support
- Demonstrated strong communication skills through teaching and interactions with supervisors
- Held office hours to provide students with insights and support for their coursework
- **Foundations of CS:** Graph Theory, Algorithms, Probability, and Runtime Analysis

## Awards

### Purdue Hackathon

- Finalist out of 100+ participants in hackathon at Purdue University by developing a stock application with the goal of determining cyclical changes in the stock market

## Projects

### HomeCooked— Group Full Stack Project (HTML, CSS, JavaScript, React, Django)

- Created a food donation app to increase community interactions and provide unused food to others.
- Led team of 6 developers through Agile development, while also leading sprint review demos
- Implemented Firebase authentication with email/password, image storage, and backend integration
- Integrated map functionality into frontend with markers, and persisting data in backend

### BookManager— Group iOS Project (Swift/UIKit/Firebase)

- Developed an app that allows users to leverage the Google Books API to digitize their book collection
- Utilizes real time updates when data changed, allowing for instantaneous user response
- Allows users to save their place in the book through saving their page number

Technologies: **Java, Python, C, C#, React, Angular, Django, Swift, SwiftUI, UIKit, Node.js, .NET, MongoDB, SQL**

Tools: **Git, Slack, Linux, Firebase Auth/Database/Storage**