

Akhil Thata

Montville, NJ | U.S Citizen

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

EDUCATION

Purdue University (B.S in Computer Science)

GPA: 3.90

West Lafayette, Indiana

September 2021 - May 2025

Relevant/Useful Coursework: **Software Development, IOS Development, Machine Learning , Data Structures and Algorithms, Computer Architecture, Analysis of Algorithms, Systems Programming, Into to Coding (Java), Calculus I-III, and Linear Algebra**

Languages/Frameworks: **Django, Node.js, MongoDB, SQL, React, Swift, JavaScript, Java, Python, C**

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

Work Experience

AT&T Technology Academy

Extern

Remote

July 2023 - August 2023

- Selected as 1 of 100+ students to take part in AT&T's technology experience.
- Utilized iterative development using Agile methodologies, specifically Scrum
- Created Machine Learning classification model for movie recommendations

Purdue Computer Science Teaching Assistant

Undergraduate Teaching Assistant

West Lafayette, Indiana

August 2022 - May 2023

- Communicated with multiple teams to help facilitate the process of providing aid for the course.
- Displayed effective communication through both teaching and communication with superiors.
- Worked with 200+ students through Practice Sessions and Office Hours to aid in their studies.
- Conducted office hours to assist students by providing valuable insights to complete their work.

Tamarack Day Camp

Camp Counselor

Randolph, New Jersey

Jun 2018 – Aug 2018//June 2019 - August 2019

- Collaborated with two counselors to provide childcare while implementing streamlined systems.
- Spearheaded leadership amongst co-counselors to ensure time effectiveness.
- Improved communication skills to better understand coworkers' and supervisor's needs and demands

Awards

Purdue Hackathon

- Won second place out of 100+ participants in hackathon at Purdue University by developing a stock application with the goal of determining annual changes in the stock market.

Projects

HomeCooked— **Group FullStack Project** (HTML, CSS, JavaScript, React, Django, Agile Development, Git)

- Developed a web app meant to facilitate community interactions through donation of food.
- Implemented Firebase authentication with email/password, image storage, and backend integration.
- Coordinated with team members to conduct Scrum meetings and ensure project timelines were met.

BookManager— **Group IOS Project** (Swift/UIKit/Firebase)

- Created an app that allows users to leverage the Google Books API to digitize their book collection
- Allows users to save their place in the book through using digital bookmarks
- Updates in real-time when information is added, modified, and deleted

Geospatial Voronoi Visualizer— **Full Stack Project** (HTML, CSS, JavaScript, React, Django, Git)

- Developed a software enabling companies to gain insight on their company's location demographics
- Utilizes the voronoi diagram to display geographic information about location
- Integrated map functionality into frontend with markers and 2D shapes'