

Pranav Mahesh

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EDUCATION

Georgia Institute of Technology

M.S. in Computer Science, GPA: 4.0

Atlanta, GA

August 2022 - May 2023

- **Concentration:** Machine Learning

Georgia Institute of Technology

B.S. in Computer Science, GPA: 3.72

Atlanta, GA

August 2019 - May 2022

- **Concentrations:** Artificial Intelligence & Information Management
- **Coursework:** Machine Learning, Design & Analysis of Algorithms, Computer Vision, Artificial Intelligence, Data Structures & Algorithms, Database Systems, Computer Networking

WORK EXPERIENCE

Georgia Institute of Technology

Graduate Teaching Assistant

Atlanta, GA

August 2022 - Present

- Supporting course functions in CS 3001: Computing and Society for **350 students** in ethical computing
- Leading **two** weekly discussion sections and grading all assignments for cohort of **20 students**
- Guiding students to develop their term papers from beginning of semester to end of semester

Amazon

Software Engineer Intern

Seattle, WA

May 2022 - August 2022

- Eliminated customer issues by preventing third-party retailers from uploading store catalog until tax information is entered
- Added **Kotlin API** to return retailer tax information status in under **250 ms**; used **React Redux** to call API upon page load and disable catalog upload button
- Deployed changes to **production** for over **60 stores** across NA & EU; monitored API metrics through alarms and dashboards

Amazon

Software Engineer Intern

Seattle, WA

June 2021 - August 2021

- Created an API in **Kotlin** to automate the creation of third-party retailers to use Just Walk Out Technology
- Increased efficiency of retailer creation by **99%**; reduced workflow time from **20+ minutes to 10 seconds**
- Developed an internal site in **React** for business teams to create third-party retailers with one click

Georgia Institute of Technology

IT Support Student Worker

Atlanta, GA

October 2019 - June 2021

- Diagnosed over **80** software, hardware, and network issues from students and faculty
- Assisted over **3000** users to transition from in-person to online classes due to COVID-19 pandemic
- Installed and purchased over **100** workstations, laptops, servers, and other pieces of equipment

PROJECTS

Yelper — React, HTML, CSS

<https://pranavmahesh.com/yelper/>

- Created web application that searches for restaurants and displays maps, open hours, ratings, and prices by utilizing Yelp Fusion API and Google Maps API

Acousticrypt — Java, Python

<https://github.com/PranavMahesh1/Acousticrypt>

- Created Android app that allows text communication between mobile devices via high frequency audio

SKILLS

Languages: Java, Kotlin, Python, JavaScript, SQL, C, HTML, CSS

Technologies: React, Redux, Git, AWS, NumPy, JUnit, MockK, PostgreSQL, MySQL, Flask, Windows, Mac, Linux