




# AKASH VEERAPPAN

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## Education

Georgia Institute of Technology | Atlanta GA

August 2020 - May 2024

*Bachelors in Computer Science | 3.80 GPA*

**Courses** - Data Structures & Algorithms, Computer Architecture, Objects and Design

**Skills** - Java, JavaScript, Python, Kotlin, Android App Development, UI design, Git, NodeJS, ReactJS, Swift, iOS App Development, HTML/CSS, SQL, PHP, C++, IoT

## Work Experience

MealMe | San Francisco CA

Jun 2021 - Aug 2021

*Backend Software Engineer*

Used **Python** and **Flask** to solve **350+** syntactic and semantic bugs related to the browse section, restaurant menus, delivery/pickup tracking, and internal metrics, contributing to a **700%** growth in revenue over **2 months**

Added **REST APIs** for **3 food delivery/pickup services** to the MealMe backend server that increased restaurant selection to **100+** restaurants nation-wide

Developed internal **JavaScript** scripts for merging **Firebase** data into **MongoDB**, for detecting flatlining sales by using **derivative and time series analysis**, **Stripe API** & **SlackBot API**, and built an internal web tool using **ReactJS** to help machine learning models unify menus across different food services

Topanga Technologies | Remote

Jan 2020 - Present

*Android App Developer*

Use **Kotlin** and **Android Jetpack APIs** to build **Mideo**, an application that plays music and records video simultaneously

Revamp and improve android application by overhauling **subscription**, **rating/feedback**, and **design** functionality, resulting in an increase of **0.57** in ratings

Review feedback of **1000+** ratings and deliver customer focused application for over **100K** users

## Projects

Shushhh • Android Application

Summer 2020

Co-created an Android app that toggles ringer mode on or off based on location and/or time to boost productivity and prevent distractions amidst work

Designed the app on **Adobe XD**, developed a custom **SQL** backend to store user's ringer preferences schedule, and built an asynchronous time and location based silencing scheduling logic using **Java** and **Android Jetpack APIs**

Managed the development of the app's features, design, and overall functionality by allocating tasks and adhering to guidelines

studygenerator.com • Web Application

Winter 2020

Co-created a web application that helps students study efficiently by generating questions and flashcards from the text pasted into a text-box instead of making self-study material themselves

Used **Google Cloud NLP API** to perform meaningful **keyword extraction** to generate fill in the blank style questions in flashcard and printable worksheet formats

Built a **RESTful API** abstraction layer to the algorithm using **Google Cloud Run** and **NodeJS** for the backend and used **VueJS** and **TailwindCSS** for the frontend

## Leadership

**GITMAD Tech Officer** - Teach **Android App Development** and **App Design** for students at Georgia Tech

**Hackathon Mentor** - Mentored students in software engineering concepts at HackGT, NWHacks, and HackDuke

