

Keshav Jagannath

keshavjagannath123@gmail.com | 678-790-1627 | Atlanta, GA | [linkedin.com/in/keshav-jagannath-922419162](https://www.linkedin.com/in/keshav-jagannath-922419162) | github.com/kjagannath3

Education

Georgia Institute of Technology,

Atlanta, GA

December 2024

- Bachelor of Science in Computer Science
 - GPA: 3.72/4.00
 - Relevant coursework: Prototyping Intelligent Devices, Machine Learning, Digital Design Lab, Data Structures and algorithms, Systems and networks, Object Oriented Programming, Robotics and Perception, AI, Combinatorics, Linear Algebra, Probability and Statistics
-

Experience

Abercrombie and Fitch

Columbus, OH

Leadership Development Program

June 2024 - Present

- Building full-stack web components in Adobe Experience Manager that are being deployed to the company website.

Protiviti

Atlanta, GA

Technology Consultant Intern

June 2023 - August 2023

- Designed a time-off portal for internal HR using Microsoft PowerApps, saving ten minutes per application.
- Prototyped a wireframe for a file-upload wizard, utilizing Power Automate to autofill metadata and group similar files, increasing upload efficiency by 10 times.

Cognosos

Atlanta, GA

Software Engineer Intern

January 2023 - May 2023

- Integrated a Command Line Testing Framework for API Calls, cutting costs by \$30,000 per year, per QA engineer.
- Implemented Swagger documentation, and fixed several production bugs for the platform API.

Carvana

Atlanta, GA

Software Engineer Intern

May 2022 - August 2022

- Adopted Pytorch's Resnet-18 model to design a network that would flag unsatisfactory images from 1500 images per day at all seven inspection centers with over 80% accuracy.
- Deployed the model through a Docker image to Carvana's internal app through a Kubernetes pod where new inputs would be serviced through a Golang message queue.

Georgia Tech Alumni Association

Atlanta, GA

IT Assistant

August 2022 - December 2022

- Automated the Alumni Association's CRM migration by writing scripts for bulk transfers in C#.
-

Projects

Digital Guitar Distortion Pedal

March 2024 - May 2024

- Built a digital guitar pedal using the ESP-32 microcontroller, and the C++ Arduino Audio Tools library.

Instrument Classification Neural Network

October 2023 - December 2023

- Implemented and trained a TensorFlow neural network to identify audio by eleven different instrument classifications.

CDC EpiInfo Android Implementation

August 2023 - May 2024

- Refactoring the CDC's 'EpiInfo' application for Android, expanding their potential user base by 4 times.

Hardware servo motor controller

October 2023 - December 2023

- Prototyped a hardware peripheral in VHDL that uses a hobby servo to translate characters to Morse.
 - Programmed an interactive, morse character guessing game in Assembly that utilizes the peripheral's functionality.
-

Leadership

Sympathetic Vibrations Acapella

January 2023 - Present

Music Director

Skills

Concepts: REST, Agile, Convolutional Neural Networks, Object-Oriented Programming, Data Structures, Backend Development, Databases, Version Control, Multithreading, Networking Protocols

Programming languages: Python, Java, SQL, Golang, Javascript, C, C++, HTML, CSS, C#, VHDL, Kotlin, Assembly

Libraries and Frameworks: Groovy-Grails, Flask, PyTorch, Pandas, Matplotlib, Librosa, NumPy, Firestore, Jupyter

Tools: Microsoft Power Platform, Git, Docker, Colab, Microsoft 365, Blackbaud CRM, Adobe Experience Manager

SoftSkills: Public Speaking, Presentations, Debugging, Creativity, Debugging