

Samyak Kumar

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

BS IN COMPUTER

SCIENCE

Expected May 2022 |

Atlanta, GA

Threads: Intelligence and Information Internetworks

Cum. GPA: 3.45 / 4.0

Major GPA: 3.66 / 4.0

LINKS

Github:// [Samyak](#)

LinkedIn:// [SamyakKumar](#)

Devpost:// [samyakkumar](#)

UNDERGRADUATE COURSEWORK

Machine Learning

Introduction to AI

Data Structures, Algorithms

Probability And Statistics

Objects And Design

Introduction to Object

Oriented Programming

SKILLS

PROGRAMMING

Java • Shell • JavaScript •

Python • REACT • L^AT_EX •

Flask

Familiar:

iOS • Android • MERN •

Scala

TOOLS/API

Git • Linux • Heroku •

Redux • Paypal API • Travis

CI • Play • JWT

ORGANIZATIONS

2019 Bits Of Good

2019 GreyHats

EXPERIENCE

BITS OF GOOD | TEAM LEAD | MERN STACK DEVELOPER

Jan 2019 - Present | Atlanta, GA

- Building an online Parent Portal using REACT along with back end development in Express for Bright Futures Academy with a NOSQL database in Mongo
- Set up Travis CI and Heroku for better developer operations
- Added an Authentication system with REDUX and JWT tokens to allow users secure access
- Working as a Team Lead in creating another Application for First Step Staffing using MERN stack.



WRECK TECH | STUDENT ASSISTANT

Present | Atlanta, GA

- Provide Tech Support to on-campus students and faculty
- Currently learning the basics of Network and Computer Security along with managing and installing network hardware and software as part of the requirements.

PROJECTS



LOCIAR | BEST AR HACK

November 2019 | Princeton, NJ

- An AR application that visualizes and implements the method of loci for memory recall. Using ARKit to identify and compute planes from point cloud and place the objects
- Used SceneKit to handle Object appearance and 3D drawings.



STADIUM IOPT

GEORGIA INSTITUTE OF TECHNOLOGY

August 2019 | Atlanta, GA

- Goal: Create an Internet of People and Things within Bobby Dodd stadium to enhance the game-day experiences and safety of 55,000 Georgia Tech football fans.
- Will create native iOS and an Android apps that implement new forms of increasing fan interaction, improve game statistic measuring and improve the overall game experience by fully utilising the IOT devices that can be used within Bobby Dodd.



DECIBEL | GEORGIA TECH HACKATHON

October 2018 | Atlanta, GA

- An application that allows the user to speak and assesses, analyses and provides feedback regarding the accuracy of accent as a percentage. Created as a Web App Made with python using flask as backend.
- Used Mel-Frequency Cepstral (MFC) coefficient and matched it to that of a Google Cloud TTS audio output of the same sentence to calculate correctness.

TECHNICAL VOLUNTEERING



GIRLS WHO CODE (VOLUNTEER) | VOLUNTEER AT GWC WORKSHOP

March 2019 | Atlanta, GA

- Volunteered at a Girls Who Code workshop event and gave a mini lecture on the basics of Game Development and being a Game Developer entails and helped students create a basic game.