Rithik Gavvala

rithikgavvala@gatech.edu | (850) 524 – 4285 | rithikgavvala.tk | github.com/rithikgavvala | US Citizen

Education

Georgia Institute of Technology – Honors Program, Atlanta, GA   *Graduation May 2021*
- B.S. in Computer Science (Systems Architecture & Intelligence Concentrations) | GPA: N/A
- Relevant Coursework: Object-Oriented Programming, Linear Algebra
- Affiliations: iOS Club, Data Science @ GT

Paxon School for Advanced Studies, Jacksonville, FL   *Graduation May 2018*
- International Baccalaureate Diploma Recepient, Salutatorian
- GPA 4.91/5.0, ACT 35, 17 AP Exams

Experience

Blink! Photogroup, Jacksonville, FL   *September 2017 – August 2018*
- Developed a front-end user interface for archiving image files for a client. Created a Java program to extract the EXIF data from thousands of .jpeg files and import them into a database.
- Leveraged Java Database Connectivity (JDBC) frameworks, SQL, and SQL Server 2018 to create a relational database that organized EXIF metadata from .jpeg files.

FIRST Robotics, Lead Team Programmer, Jacksonville, FL   *September 2015 – April 2017*
- Provided the mechanical input behind constructing an autonomous robot while working with designers on developing engineering solutions for the robot in Blender
- Spearheaded a focus on using Java as the primary programming language for developing the controller system on the robot through the utilization of standard library provided by FIRST Robotics

Projects

Ambient Noise Awareness Software, Atlanta, GA   *September 2018 – present*
- Utilizes machine learning to identify when someone is speaking and automatically reduces audio output from an external audio source (such as headphones) to allow the user to hear background noise

EXIF Data Organizer, Jacksonville, FL   *August 2017 – April 2018*
- Constructed an application from whiteboard to enterprise utilization that processes thousands of .jpeg files and extracts the EXIF data to organize image characteristics such location, date/time, camera setting data into a relational database

Honors/Awards

Florida Association of Mu Alphta Theta, Orlando, FL
- Directed the team's preparation efforts for the state convention
- Led the team to placing 7th in the statewide programming contest in 2015 and then 4th place in the same competition in 2016

Duval County Public Schools, Jacksonville, FL
- Earned recognization as a distinguished student in the subject of computer science in 2017

Skills

Programming:	Java, Python, JavaScript, LaTeX, HTML/CSS, mySQL
Software:	GIT, IntelliJ, Android Studio, Eclipse
MOOCs:	Android Application Development (Coursera.org), Introduction to Python (Coursera.org)
Certifications:	Java Android Certification