Rithik Gavvala

http://rithikgavvala.tk/

http://github.com/rithikgavvala

Email : rithikgavvala@gatech.edu

Mobile : (850) 524 - 4285

EDUCATION

Georgia Institute of Technology - Honors Program — Atlanta, GA
Bachelor of Science in Computer Science — *Aug. 2018 – May 2022*

Paxon School for Advanced Studies — Jacksonville, FL
International Baccalaureate Diploma Recipient; Salutatorian; GPA: 4.91/5.00 — *Aug. 2015 – May. 2018*

SKILLS

- **Programming Languages**: Java, Python, HTML CSS, Javascript, LaTeX, mySQL
- **Frameworks Tools**: Git, Java Database Connectivity (JDBC)
- **Operating Systems**: macOs, Windows
- **Certifications**: Java Android Certification (Coursera.org), Introduction to Python (Coursera.org)
- **Foreign Languages**: French (Working proficiency)

EXPERIENCE

Blink! Photogroup — Jacksonville, FL
Application Developer — *Sept. 2016 - Aug. 2017*

- **Front-end**: 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.
- **Back-end**: Developed the back-end of the application using languages: SQL and Java. Used Java Database Connectivity (JDBC), SQL, and SQL Server 2018 to create a relational database that organized EXIF metadata from .jpeg files.

Jax Robo Amps Robotics Team — Jacksonville, FL
Lead Team Programmer — *Sep. 2015 - May 2017*

- **Hardware-Software Integration**: Used Java to develop a controller system for a robot used at the Florida First Robotics Competition.

PROJECTS

EXIF Data Organizer
Java and SQL Integration

- **Overview**: A program that processes the EXIF data within a .jpeg files.
- **Detail**: Using batch processing and Java Database Connectivity, the program achieves efficient data processing and transfers relevant data into an organized manner using SQL Server.
- **Front-end**: Developed a front-end that is managed using HTML, CSS, and Javascript.
- **Back-end**: Developed a back-end that is managed using SQL Server 2018.

HONORS/AWARDS

- **Florida Association of Mu Alpha Theta**: 7th Place Programming Competition (2015), 4th Place Programming Competition (2016)
- **Duval County Public Schools**: Distinguished Honors for Computer Science (2017)

CLUBS AND ORGANIZATIONS

- **Clubs**: Data Science, RoboJackets, iOS