

# Harshil Shah

✉ harshilshah4251@gmail.com

☎ 762.436.2848

🌐 www.github.com/harshilshah4251

🌐 www.linkedin.com/in/harshilshah4251    👤 harshilshah4251.github.io (Portfolio)

## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY

August 2017 - Present in Atlanta, GA

College of Computing

B.S in Computer Science | Expected May, 2021

GPA: 4.0/4.0

## SKILLS

### TECHNICAL

**Proficient**: Java, JavaScript, Python, MySQL, HTML5, CSS, PHP, REST APIs

**Intermediate**: Android, Alexa, Node, React, MongoDB

### OTHER TOOLS/OS/Frameworks

**Proficient**: Linux, Git, BitBucket, Atlassian Products, Heroku

**Intermediate**: AWS, Google Cloud Platform, Docker

## RELEVANT COURSEWORK

**GEORGIA TECH**: Compilers & Interpreters, Computer Structure & Organization, Combinatorics, Data Structures & Algorithms, Objects & Design, Discrete Math, Linear Algebra.

**MOOC - Udemy(Currently enrolled)**: Machine Learning and DataScience, MySQL, Web Development, and Deep Learning.

**OTHER INTERESTS**: Blockchain, Edge Computing, Quantum Computing

## MY WORK

- Built K9-Functional Impact and Regression Analysis Tool that would help developers to anticipate regression impacts on the code base before merge or deployment by accurately measuring the amount of change and mapping those changes to specific functional areas.

**Technologies used**: Node JS, Bitbucket API, Python, Docker

- Performed insightful data analysis of San Francisco Emergency Dispatch system for Capital One Webapp challenge. Invited to the highly competitive week-long Software Engineering Summit organized by Capital One in Washington DC.

**Technologies used**: React JS, PostgreSQL, Heroku, Google Maps API

- Created a PHP script and HTML interface to automatically generate biweekly HTML email newsletters for Ivan Allen College, Georgia Tech. This tool has saved lots of hours spent by student assistants on creating the newsletters in HTML format by replacing it with a simple functional interface that generates the HTML newsletter on user input.

**Technologies used**: PHP, AJAX, HTML, JavaScript

- Created an Android Space Shooter game called Space Wreck in Java. The game is available on android playstore and has the rating of 4.93 as of now. This was my first personal project and was highly appreciated on its gameplay and its storyline.

**Technologies used**: Java, Android Studio, InkScape

## EXPERIENCE

### Manhattan Associates | R&D Engineering Intern

May 2018 - August 2018 in Atlanta, GA

- Worked alongside the Distributed Order Management Team and contributed in writing component JUnit test cases and building a functional impact and regression analysis tool, K9, from scratch.
- Presented K9 to the Global VP of Manhattan Associates and other important leadership across US and India during the All-Hands meeting and recieved lots of appreciation and interest from the audience on its effectiveness.
- K9 is being actively used by multiple teams before code drops and major deployments.

### Capital One | Software Engineering Summit

May 20th, 2018 - May 25th, 2018 in Washington DC

- The Summit provided a great exposure to the cutting-edge technologies like Amazon Web Services, Machine Learning, Amazon Alexa, Bot Development, Hardware, Android and IOS programming through hands-on project work and technical presentations.
- The Summit ended with a 24 hours hackathon where my team attempted to create a real time translation service for call-center employees that would encourage people from different backgrounds to get appropriate financial advice directly over the call.

### Ivan Allen College | Web-Developer

September, 2017 - Present in Atlanta, GA

- Working closely alongside the Director of the Ivan Allen College to inspect the needs of the web platform and adding new features accordingly.
- Regularly uploading information to SQL databases, updating sites built in PHP and Drupal, and fixing issues with the existing sites to ensure consistent and smooth performance.
- Writing rigorous and comprehensive documentations for all aspects of my job for the purposes of maintainability of code and as a reference source for future developers.

## LEADERSHIP

### Georgia Tech Cricket Club | Vice-President

January, 2018 - Present

- Established Georgia Tech Cricket Club to provide an organized structure to the recreational cricket games on campus and officially integrate the sport with the GT athletic department.
- Represented GT at various state-level knockout tournaments in the Metro Atlanta area.
- My responsibilities include increasing membership of the club through consistent outreach and social-media campaigning, external affairs and collaborations of the club with other organizations, and being a player on the team.
- Future goals include organizing an Intra-College cricket tournament on GT campus.

## HONORS

- Faculty Honors award for maintaining 4.0 GPA, May 2018
- Indian-American Scholarship Fund, four-year scholarship recipient