

# Shishir Bhat

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## Education

**Georgia Institute of Technology** | Atlanta, GA

**August 2017 - PRESENT**

B.S. in Computer Science, Honors Program (Expected Graduation: December 2020)

Threads in Intelligence and Information Networks

Overall GPA - 3.88/4.0

**Relevant Courses:** Intro to Artificial Intelligence • Machine Learning • Intro to Database Systems • Objects and Design • System and Networks • Robotics and Perception • Data Structures and Algorithms

**Extracurricular Activities:** Vice President of the Georgia Tech Glee Club, Treasurer of Pi Epsilon Phi

## Work Experience

**GEORGIA TECH COLLEGE OF COMPUTING | Head Teaching Assistant**

**January 2019 - PRESENT**

- Manage teaching assistants for CS 2340 (Software Engineering and Design)
- Create course materials and autograders for use by hundreds of students (Scala, Docker)
- Teach lectures when the professor is not available

**LOOPUP | Software Development Intern**

**May 2018 - August 2018**

- Implemented standardized automated test cases in Java and Javascript frameworks in order to increase efficiency and productivity of team members (Selenium, Nightwatch)
- Integrated automated tests in conjunction with TestRail, a test management API (Node.js)
- Improved efficacy of image recognition tool to increase correctness of integration tests (Java, OpenCV)

**GEORGIA TECH COLLEGE OF COMPUTING | Teaching Assistant**

**January 2018 - December 2018**

- Taught weekly recitation in CS 1331 (Object-Oriented Programming in Java)
- Designed and graded homework assignments and exams

## Relevant Experience / Projects

### Sleet

- An LC-3 assembler, simulator, and GUI written in Scala. For use in Georgia Tech CS 2110

### Gree-C-Web

- Member of development team for maintaining internal and external websites used by the Georgia Tech choirs
- Maintain website with PHP-powered JSON backend with React front end (Javascript)
- Currently working on increasing response speed and correctness by redesigning backend (Rust)

### Mood News

- Created website and Alexa skill during HackFSU to analyze and curate news articles based on article tone and mood
- Utilized the IBM Watson tone analysis API. Used AWS Lambda to host Alexa skill and Django to run website

### 2017 National Seaperch Challenge

- Chosen as a finalist in national competition to race student-built underwater remote-operated vehicles

## Skills

**Computer Languages:** Java, Javascript, C, Scala, Python, SQL

**Software and Tools:** Node.js, Docker, MySQL, Selenium, Firebase, AWS Lambda, Android Studio, Play Framework